includes core
column schedule
w. gage + YS

WTC
Drawing Book 3

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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER **TITLE** DRAWING BOOK 3 - CORE COLUMNS **DATE** 10/ 6/72

REVISIONS

PRINTED
5/18/73

3-A80-0	5/18/73
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3-A1-18	9/30/69
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3-A1-33	9/30/69
3-A1-34	9/30/69
3-A1-35	9/30/69
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3-A1-40	9/30/69
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3-B1- 8	9/30/69
3-B1- 9	9/30/69
3-B1-10	9/30/69
3-B1-11	9/30/69
3-B1-12	9/30/69
3-B1-13	9/30/69
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3-B1-18	9/30/69
3-B1-19	9/30/69
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3-B1-22	9/30/69
3-B1-23	9/30/69
3-B1-24	9/30/69
3-B1-25	9/30/69
3-B1-26	9/30/69
3-B1-27	9/30/69
3-B1-28	9/30/69
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3-B1-34	9/30/69
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3-B1-37	9/30/69
3-B1-38	9/30/69
3-B1-39	9/30/69
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3-B1-42	9/30/69
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3-AB2- 8	3/28/67
3-AB2- 9	3/28/67
3-AB2-10	3/28/67
3-AB2-11	3/28/67
3-AB2-12	3/28/67
3-AB2-13	1/12/68
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3-B3- 3	5/ 3/67
3-B3- 4	5/ 3/67
3-B3- 5	5/ 1/67
3-B3- 6	5/ 1/67
3-B3- 7	5/ 1/67
3-B3- 8	5/ 1/67
3-B3- 9	5/ 1/67
3-B3-10	5/ 1/67
3-B3-11	5/ 1/67
3-B3-12	5/ 1/67
3-B3-13	5/ 1/67
3-B3-14	5/ 1/67
3-B3-15	5/ 1/67
3-B3-16	5/ 1/67

LESLIE E. ROBERTSON
No. 34360

3-A80-0

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE INDEX
DATE 4/ 1/69

REVISIONS
nted 5-1-69

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3-A1-41	COLUMN	1001A
3-A1-42	COLUMN	1002A
3-A1-43	COLUMN	1003A
3-A1-44	COLUMN	1004A
3-A1-45	COLUMN	1005A
3-A1-46	COLUMN	1006A
3-A1-47	COLUMN	1007A
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LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

X

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE NOTES

DATE 5/1/67

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)

(1) SCHEDULED COLUMN NUMBER FOLLOWED BY TOWER DESIGNATION (A OR B).

(2) STORY NUMBER AT UPPER COLUMN SPLICE.

(3) STORY NUMBER AT LOWER COLUMN SPLICE.

(4) COLUMN TYPE NUMBER. SEE DRAWINGS 3-AB2-1 THRU 3-AB2-22 FOR DETAILS.

(5) NOMINAL WIDTH OF BUILT UP BOX COLUMN.

(6) NOMINAL DEPTH OF BUILT UP BOX COLUMN.

(7) DESIGNATION OF ROLLED SHAPE WHERE APPLICABLE.

(8) THICKNESS OF PLATE 1,SEE COLUMN TYPES FOR LOCATION.

(9) WIDTH OF PLATE 1,SEE COLUMN TYPES FOR LOCATION.

(10) THICKNESS OF PLATE 2,SEE COLUMN TYPES FOR LOCATION.

(11) WIDTH OF PLATE 2,SEE COLUMN TYPES FOR LOCATION.

(12) THICKNESS OF PLATE 3,SEE COLUMN TYPES FOR LOCATION.

(13) WIDTH OF PLATE 3,SEE COLUMN TYPES FOR LOCATION.

(14) REQUIRED YIELD STRENGTH OF STEEL.

(15) SPLICE DETAIL AT LOWER END OF SCHEDULED COLUMN LIFT.

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

EVISIONS

LESLIE E. ROBERTSON No. 34860

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-A82-3

							PLATE 1		PLATE 2		PLATE 3			
COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	LOWER SPLICE DET.NO
501A	106	104	112	-	-	14WF211	-	-	-	-	-	-	36	101F
501A	104	101	112	-	-	14WF264	-	-	-	-	-	-	36	101F
501A	101	98	112	-	-	14WF342	-	-	-	-	-	-	36	101E
501A	98	95	112	-	-	14WF426	-	-	-	-	-	-	42	101D
501A	95	92	112	-	-	14WF500	-	-	-	-	-	-	42	101K
501A	92	89	112	-	-	14WF550	-	-	-	-	-	-	42	101L
501A	89	86	112	-	-	14WF665	-	-	-	-	-	-	42	103K
501A	86	83	112	-	-	14WF730	-	-	-	-	-	-	42	304A
501A	83	80	346	22	28	-	2- 1/2	17	2- 1/2	28	-	-	36	302B
501A	80	77	348	22	34	-	2- 1/4	17- 1/2	2- 1/4	34	-	-	36	302K
501A	77	75	350	22	40	-	3- 1/8	15- 3/4	3- 1/8	40	-	-	36	302J
501A	75	72	352	22	46	-	2- 3/8	17- 1/4	2- 3/8	46	-	-	36	302B
501A	72	69	354	22	52	-	2- 5/16	17- 3/8	2- 5/16	52	-	-	36	301F
501A	69	66	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
501A	66	63	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
501A	63	60	354	22	52	-	2-11/16	16- 5/8	2-11/16	52	-	-	36	301G
501A	60	57	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
501A	57	54	354	22	52	-	3	16	3	52	-	-	36	301H
501A	54	51	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
501A	51	48	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
501A	48	45	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
501A	45	43	354	22	52	-	4- 1/8	14	4	52	-	-	36	301K
501A	43	41	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
501A	41	39	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
501A	39	36	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
501A	36	33	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
501A	33	30	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
501A	30	27	354	22	52	-	5	12	5	52	-	-	36	301L
501A	27	24	354	22	52	-	5- 1/4	11- 3/4	5- 1/8	52	-	-	36	301M
501A	24	21	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
501A	21	18	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
501A	18	15	354	22	52	-	5- 7/8	10- 1/4	5- 7/8	52	-	-	36	301M
501A	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
501A	12	9	354	22	52	-	7	10	6	52	-	-	36	402D
501A	9	7	463	22	52	-	5	12	5	52	4- 1/8	39	36	502A
501A	7	5	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
501A	5	3	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
501A	3	1	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
501A	1	274	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
501A	274	242	567	22	52	-	5	12	5	52	3- 1/4	39	36	601A

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-A82-3

502A	106	104	112	-	-	14WF136	-	-	-	-	-	-	42	101H
502A	104	101	112	-	-	14WF167	-	-	-	-	-	-	42	101G
502A	101	98	112	-	-	14WF211	-	-	-	-	-	-	42	101F
502A	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F
502A	95	42	112	-	-	14WF314	-	-	-	-	-	-	42	101E
502A	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
502A	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
502A	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	304C
502A	83	80	345	22	25	-	1-11/16	18- 3/4	1- 5/8	25	-	-	36	303E
502A	80	77	346	22	28	-	1-11/16	18- 5/8	1-11/16	28	-	-	36	303F
502A	77	75	347	22	31	-	2- 1/2	17- 1/8	2- 7/16	31	-	-	36	303G
502A	75	72	348	22	34	-	1-15/16	18- 1/8	1-15/16	34	-	-	36	303F
502A	72	69	349	22	37	-	2	18- 1/8	1-15/16	37	-	-	36	303F
502A	69	66	350	22	40	-	2- 1/16	17- 7/8	2- 1/16	40	-	-	36	303F
502A	66	63	351	22	43	-	1-15/16	18- 1/8	1-15/16	43	-	-	36	303F
502A	63	60	352	22	46	-	1-15/16	18- 1/8	1-15/16	46	-	-	36	303F
502A	60	57	353	22	49	-	2	18- 1/8	1-15/16	49	-	-	36	303F
502A	57	54	354	22	52	-	2	18	2	52	-	-	36	301F
502A	54	51	354	22	52	-	2- 1/8	17- 7/8	2- 1/16	52	-	-	36	301F
502A	51	48	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
502A	48	45	354	22	52	-	2- 5/16	17- 3/8	2- 5/16	52	-	-	36	301F
502A	45	43	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
502A	43	41	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
502A	41	39	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
502A	39	36	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
502A	36	33	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
502A	33	30	354	22	52	-	3- 1/8	16	3	52	-	-	36	301H
502A	30	27	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
502A	27	24	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
502A	24	21	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
502A	21	18	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
502A	18	15	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
502A	15	12	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
502A	12	9	354	22	52	-	4	14	4	52	-	-	36	301J
502A	9	7	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
502A	7	5	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
502A	5	3	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
502A	3	1	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
502A	1	274	354	22	52	-	4- 5/8	13	4- 1/2	52	-	-	36	301L
502A	274	242	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	602A

PROFESSIONAL ENGINEER
E. ROBERTSON
34360
STATE OF NEW YORK

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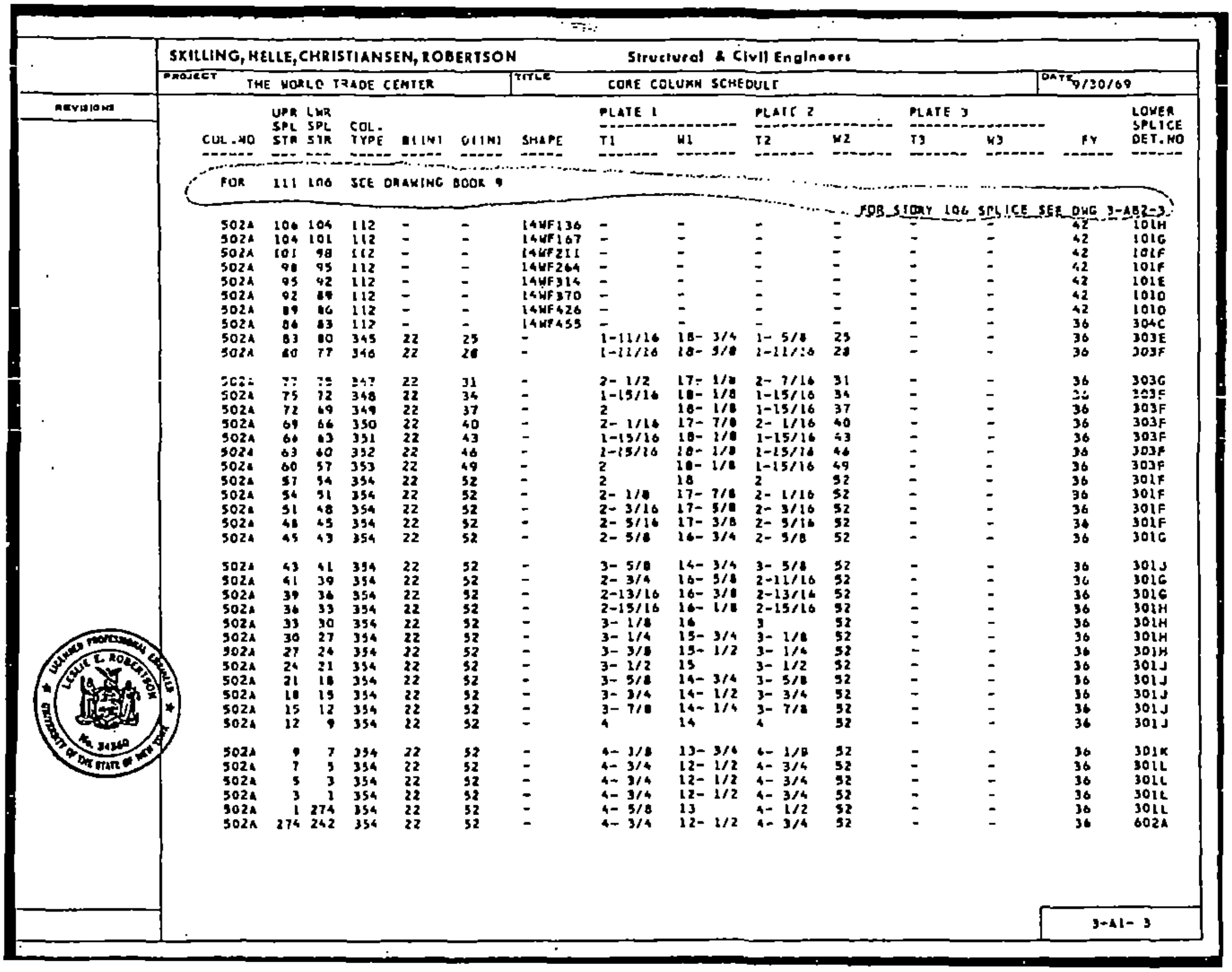
APPENDIX G

PREVIOUSLY MISSING WTC TOWER STRUCTURAL CONTRACT DRAWING CORE COLUMN 502A, BOOK 3 PAGE 3-A1-3

(Reprinted from WTC Archive Microfilm #DB-5)

(Drawing sent to NIST previously under separate cover)



SKILLING, HELLE, CHRISTIANSEN, ROBERTSON Structural & Civil Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

LESLIE E. ROBERTSON
No. 34340

FOR STORY 106 SPLICE SEE DWG 3-A82-3

	UPR	LWR					PLATE 1		PLATE 2		PLATE 3			LOWER
COL.NO	SPL STR	SPL STR	COL. TYPE	B(IN)	G(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
502A	106	104	112	-	-	14WF136	-	-	-	-	-	-	42	101H
502A	104	101	112	-	-	14WF167	-	-	-	-	-	-	42	101G
502A	101	98	112	-	-	14WF211	-	-	-	-	-	-	42	101F
502A	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F
502A	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
502A	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
502A	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
502A	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	304C
502A	83	80	345	22	25	-	1-11/16	18- 3/4	1- 5/8	25	-	-	36	303E
502A	80	77	346	22	28	-	1-11/16	18- 5/8	1-11/16	28	-	-	36	303F
502A	77	75	347	22	31	-	2- 1/2	17- 1/8	2- 7/16	31	-	-	36	303G
502A	75	72	348	22	34	-	1-15/16	18- 1/8	1-15/16	34	-	-	36	303F
502A	72	69	349	22	37	-	2	18- 1/8	1-15/16	37	-	-	36	303F
502A	69	66	350	22	40	-	2- 1/16	17- 7/8	2- 1/16	40	-	-	36	303F
502A	66	63	351	22	43	-	1-15/16	18- 1/8	1-15/16	43	-	-	36	303F
502A	63	60	352	22	46	-	1-15/16	18- 1/8	1-15/16	46	-	-	36	303F
502A	60	57	353	22	49	-	2	18- 1/8	1-15/16	49	-	-	36	303F
502A	57	54	354	22	52	-	2	18	2	52	-	-	36	301F
502A	54	51	354	22	52	-	2- 1/8	17- 7/8	2- 1/16	52	-	-	36	301F
502A	51	48	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
502A	48	45	354	22	52	-	2- 5/16	17- 3/8	2- 5/16	52	-	-	36	301F
502A	45	43	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
502A	43	41	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
502A	41	39	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
502A	39	36	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
502A	36	33	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
502A	33	30	354	22	52	-	3- 1/8	16	3	52	-	-	36	301H
502A	30	27	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
502A	27	24	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
502A	24	21	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
502A	21	18	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
502A	18	15	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
502A	15	12	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
502A	12	9	354	22	52	-	4	14	4	52	-	-	36	301J
502A	9	7	354	22	52	-	4- 3/8	13- 3/4	4- 1/8	52	-	-	36	301K
502A	7	5	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
502A	5	3	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
502A	3	1	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
502A	1	274	354	22	52	-	4- 5/8	13	4- 1/2	52	-	-	36	301L
502A	274	242	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	602A

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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

EVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
503A	106	104	112	-	-	14WF150	-	-	-	-	-	-	42	101G
503A	104	101	112	-	-	14WF184	-	-	-	-	-	-	42	101G
503A	101	98	112	-	-	14WF228	-	-	-	-	-	-	42	101F
503A	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F
503A	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
503A	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
503A	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
503A	86	83	112	-	-	14WF455	-	-	-	-	-	-	42	304C
503A	83	80	345	22	25	-	1-11/16	18- 3/4	1- 5/8	25	-	-	36	303E
503A	80	77	346	22	28	-	1- 5/8	18- 3/4	1- 5/8	28	-	-	36	303F
503A	77	75	347	22	31	-	2- 3/8	17- 1/4	2- 3/8	31	-	-	36	303G
503A	75	72	348	22	34	-	1- 7/8	18- 1/4	1- 7/8	34	-	-	36	303E
503A	72	69	349	22	37	-	1- 7/8	18- 1/4	1- 7/8	37	-	-	36	303E
503A	69	66	350	22	40	-	1-15/16	18- 1/8	1-15/16	40	-	-	36	303F
503A	66	63	351	22	43	-	1-13/16	18- 3/8	1-13/16	43	-	-	36	303E
503A	63	60	352	22	46	-	1- 7/8	18- 3/8	1-13/16	46	-	-	36	303E
503A	60	57	353	22	49	-	1- 7/8	18- 1/4	1- 7/8	49	-	-	36	303E
503A	57	54	354	22	52	-	1- 7/8	18- 1/4	1- 7/8	52	-	-	36	301E
503A	54	51	354	22	52	-	2	18- 1/8	1-15/16	52	-	-	36	301F
503A	51	48	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
503A	48	45	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
503A	45	43	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
503A	43	41	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
503A	41	39	354	22	52	-	2- 9/16	16- 7/8	2- 9/16	52	-	-	36	301G
503A	39	36	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
503A	36	33	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
503A	33	30	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
503A	30	27	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
503A	27	24	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
503A	24	21	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
503A	21	18	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
503A	18	15	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
503A	15	12	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
503A	12	9	354	22	52	-	3- 3/4	14- 3/4	3- 5/8	52	-	-	36	301J
503A	9	7	354	22	52	-	3- 7/8	14- 1/2	3- 3/4	52	-	-	36	301J
503A	7	5	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
503A	5	3	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
503A	3	1	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
503A	1	274	354	22	52	-	4- 1/4	13- 3/4	4- 1/8	52	-	-	36	301K
503A	274	242	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
504A	106	104	112	-	-	14WF119	-	-	-	-	-	-	36	101H
504A	104	101	112	-	-	14WF142	-	-	-	-	-	-	36	101G
504A	101	98	112	-	-	14WF193	-	-	-	-	-	-	36	101G
504A	98	95	112	-	-	14WF246	-	-	-	-	-	-	36	103D
504A	95	92	112	-	-	14WF287	-	-	-	-	-	-	36	103E
504A	92	89	112	-	-	14WF342	-	-	-	-	-	-	36	103F
504A	89	86	112	-	-	14WF370	-	-	-	-	-	-	36	304D
504A	86	83	344	22	22	-	1- 5/16	19- 3/8	1- 5/16	22	-	-	36	303D
504A	83	80	345	22	25	-	1- 3/8	19- 3/8	1- 5/16	25	-	-	36	303D
504A	80	77	346	22	28	-	1- 5/16	19- 3/8	1- 5/16	28	-	-	36	303E
504A	77	75	347	22	31	-	1- 7/8	18- 1/4	1- 7/8	31	-	-	36	303E
504A	75	72	348	22	34	-	1- 7/16	19- 1/8	1- 7/16	34	-	-	36	303D
504A	72	69	349	22	37	-	1- 7/16	19- 1/8	1- 7/16	37	-	-	36	303D
504A	69	66	350	22	40	-	1- 3/8	19- 1/4	1- 3/8	40	-	-	36	303D
504A	66	63	351	22	43	-	1- 3/8	19- 1/4	1- 3/8	43	-	-	36	303D
504A	63	60	352	22	46	-	1- 3/8	19- 1/4	1- 3/8	46	-	-	36	303D
504A	60	57	353	22	49	-	1- 3/8	19- 1/4	1- 3/8	49	-	-	36	303D
504A	57	54	354	22	52	-	1- 3/8	19- 1/4	1- 3/8	52	-	-	36	301D
504A	54	51	354	22	52	-	1- 7/16	19- 1/8	1- 7/16	52	-	-	36	301D
504A	51	48	354	22	52	-	1- 1/2	19	1- 1/2	52	-	-	36	301D
504A	48	45	354	22	52	-	1- 9/16	18- 7/8	1- 9/16	52	-	-	36	301E
504A	45	43	354	22	52	-	1- 3/4	18- 1/2	1- 3/4	52	-	-	36	301E
504A	43	41	354	22	52	-	2- 3/8	17- 1/4	2- 3/8	52	-	-	36	301G
504A	41	39	354	22	52	-	1-13/16	18- 3/8	1-13/16	52	-	-	36	301E
504A	39	36	354	22	52	-	1- 7/8	18- 3/8	1-13/16	52	-	-	36	301E
504A	36	33	354	22	52	-	1-15/16	18- 1/4	1- 7/8	52	-	-	36	301F
504A	33	30	354	22	52	-	2	18	2	52	-	-	36	301F
504A	30	27	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
504A	27	24	354	22	52	-	2- 1/8	17- 3/4	2- 1/8	52	-	-	36	301F
504A	24	21	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
504A	21	18	354	22	52	-	2- 1/4	17- 1/2	2- 1/4	52	-	-	36	301F
504A	18	15	354	22	52	-	2- 3/8	17- 3/8	2- 5/16	52	-	-	36	301G
504A	15	12	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
504A	12	9	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
504A	9	7	354	22	52	-	2- 5/8	16- 7/8	2- 9/16	52	-	-	36	301G
504A	7	5	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
504A	5	3	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
504A	3	1	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
504A	1	274	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
504A	274	242	354	22	52	-	3	16- 1/8	2-15/16	52	-	-	36	602A

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PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	W1	PLATE 2 T2	W2	PLATE 3 T3	W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
														FOR STORY 106 SPLICE SEE DWG 3-AB2-3
505A	106	104	112	-	-	14WF136	-	-	-	-	-	-	36	101H
505A	104	101	112	-	-	14WF158	-	-	-	-	-	-	36	101G
505A	101	98	112	-	-	14WF184	-	-	-	-	-	-	36	101G
505A	98	95	112	-	-	14WF219	-	-	-	-	-	-	36	103D
505A	95	92	112	-	-	14WF264	-	-	-	-	-	-	36	103E
505A	92	89	112	-	-	14WF287	-	-	-	-	-	-	36	103E
505A	89	86	112	-	-	14WF342	-	-	-	-	-	-	36	304D
505A	86	83	332	18	22	-	1- 3/8	15- 3/8	1- 5/16	22	-	-	36	303D
505A	83	80	333	18	25	-	1- 7/16	15- 1/4	1- 3/8	25	-	-	36	303D
505A	80	77	334	18	28	-	1- 3/8	15- 1/4	1- 3/8	28	-	-	36	303E
505A	77	75	335	18	31	-	2	14- 1/8	1-15/16	31	-	-	36	303F
505A	75	72	336	18	34	-	1- 1/2	15	1- 1/2	34	-	-	36	303D
505A	72	69	337	18	37	-	1- 9/16	14- 7/8	1- 9/16	37	-	-	36	303E
505A	69	66	338	18	40	-	1- 9/16	14- 7/8	1- 9/16	40	-	-	36	303E
505A	66	63	339	18	43	-	1- 1/2	15- 1/8	1- 7/16	43	-	-	36	303D
505A	63	60	340	18	46	-	1- 1/2	15- 1/8	1- 7/16	46	-	-	36	303D
505A	60	57	341	18	49	-	1- 1/2	15- 1/8	1- 7/16	49	-	-	36	303D
505A	57	54	342	18	52	-	1- 1/2	15	1- 1/2	52	-	-	36	301D
505A	54	51	342	18	52	-	1- 9/16	14- 7/8	1- 9/16	52	-	-	36	301E
505A	51	48	342	18	52	-	1- 5/8	14- 3/4	1- 5/8	52	-	-	36	301E
505A	48	45	342	18	52	-	1-11/16	14- 5/8	1-11/16	52	-	-	36	301E
505A	45	43	342	18	52	-	1- 7/8	14- 1/4	1- 7/8	52	-	-	36	301E
505A	43	41	342	18	52	-	2- 9/16	12- 7/8	2- 9/16	52	-	-	36	301G
505A	41	39	342	18	52	-	1-15/16	14- 1/8	1-15/16	52	-	-	36	301F
505A	39	36	342	18	52	-	2	14	2	52	-	-	36	301F
505A	36	33	342	18	52	-	2- 1/16	13- 7/8	2- 1/16	52	-	-	36	301F
505A	33	30	342	18	52	-	2- 3/16	13- 3/4	2- 1/8	52	-	-	36	301F
505A	30	27	342	18	52	-	2- 1/4	13- 1/2	2- 1/4	52	-	-	36	301F
505A	27	24	342	18	52	-	2- 5/16	13- 3/8	2- 5/16	52	-	-	36	301F
505A	24	21	342	18	52	-	2- 3/8	13- 1/4	2- 3/8	52	-	-	36	301G
505A	21	18	342	18	52	-	2- 1/2	13	2- 1/2	52	-	-	36	301G
505A	18	15	342	18	52	-	2- 9/16	12- 7/8	2- 9/16	52	-	-	36	301G
505A	15	12	342	18	52	-	2- 5/8	12- 3/4	2- 5/8	52	-	-	36	301G
505A	12	9	342	18	52	-	2- 3/4	12- 1/2	2- 3/4	52	-	-	36	301G
505A	9	7	342	18	52	-	2- 7/8	12- 3/8	2-13/16	52	-	-	36	301H
505A	7	5	342	18	52	-	3- 1/2	11	3- 1/2	52	-	-	36	301H
505A	5	3	342	18	52	-	3- 1/2	11	3- 1/2	52	-	-	36	301H
505A	3	1	342	18	52	-	3- 1/2	11	3- 1/2	52	-	-	36	301H
505A	1	274	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
505A	274	242	342	18	52	-	3- 3/8	11- 1/4	3- 3/8	52	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

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EVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
506A	106	104	112	-	-	14WF150	-	-	-	-	-	-	42	101G
506A	104	101	112	-	-	14WF184	-	-	-	-	-	-	42	101G
506A	101	98	112	-	-	14WF237	-	-	-	-	-	-	42	101F
506A	98	95	112	-	-	14WF287	-	-	-	-	-	-	42	101E
506A	95	92	112	-	-	14WF342	-	-	-	-	-	-	42	101E X
506A	92	89	112	-	-	14WF398	-	-	-	-	-	-	42	101D
506A	89	86	112	-	-	14WF455	-	-	-	-	-	-	42	101D
506A	86	83	112	-	-	14WF500	-	-	-	-	-	-	36	304C
506A	83	80	345	22	25	-	1-13/16	18- 1/2	1- 3/4	25	-	-	36	303E
506A	80	77	346	22	28	-	1-13/16	18- 3/8	1-13/16	28	-	-	36	303F
506A	77	75	347	22	31	-	2-11/16	16- 3/4	2- 5/8	31	-	-	36	303G
506A	75	72	348	22	34	-	2- 1/8	17- 7/8	2- 1/16	34	-	-	36	303F
506A	72	69	349	22	37	-	2- 1/8	17- 7/8	2- 1/16	37	-	-	36	303F
506A	69	66	350	22	40	-	2- 3/16	17- 3/4	2- 1/8	40	-	-	36	303F
506A	66	63	351	22	43	-	2	18	2	43	-	-	36	303F
506A	63	60	352	22	46	-	2- 1/16	18	2	46	-	-	36	303F
506A	60	57	353	22	49	-	2- 1/16	18	2	49	-	-	36	303F
506A	57	54	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
506A	54	51	354	22	52	-	2- 3/16	17- 3/4	2- 1/8	52	-	-	36	301F
506A	51	48	354	22	52	-	2- 1/4	17- 1/2	2- 1/4	52	-	-	36	301F
506A	48	45	354	22	52	-	2- 3/8	17- 1/4	2- 3/8	52	-	-	36	301G
506A	45	43	354	22	52	-	2-11/16	16- 3/4	2- 5/8	52	-	-	36	301G
506A	43	41	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
506A	41	39	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
506A	39	36	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
506A	36	33	354	22	52	-	3- 1/8	16	3	52	-	-	36	301H
506A	33	30	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
506A	30	27	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
506A	27	24	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
506A	24	21	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
506A	21	18	354	22	52	-	3- 3/4	14- 3/4	3- 5/8	52	-	-	36	301J
506A	18	15	354	22	52	-	3- 7/8	14- 1/2	3- 3/4	52	-	-	36	301J
506A	15	12	354	22	52	-	4	14- 1/4	3- 7/8	52	-	-	36	301J
506A	12	9	354	22	52	-	4- 1/8	14	4	52	-	-	36	301K
506A	9	7	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
506A	7	5	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
506A	5	3	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
506A	3	1	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
506A	1	274	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
506A	274	242	354	22	52	-	5	12	5	52			36	602A

LESLIE E. ROBERTSON
No. 34360

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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

VISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
507A	106	104	112	-	-	14WF136	-	-	-	-	-	-	42	101H
507A	104	101	112	-	-	14WF167	-	-	-	-	-	-	42	101G
507A	101	98	112	-	-	14WF211	-	-	-	-	-	-	42	101F
507A	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F
507A	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
507A	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
507A	89	86	112	-	-	14WF398	-	-	-	-	-	-	42	101D
507A	86	83	112	-	-	14WF426	-	-	-	-	-	-	36	304C
507A	83	80	345	22	25	-	1- 5/8	18- 7/8	1- 9/16	25	-	-	36	303E
507A	80	77	346	22	28	-	1- 5/8	18- 3/4	1- 5/8	28	-	-	36	303F
507A	77	75	347	22	31	-	2- 3/8	17- 1/4	2- 3/8	31	-	-	36	303G
507A	75	72	348	22	34	-	1- 7/8	18- 1/4	1- 7/8	34	-	-	36	303E
507A	72	69	349	22	37	-	1- 7/8	18- 1/4	1- 7/8	37	-	-	36	303E
507A	69	66	350	22	40	-	2	18- 1/8	1-15/16	40	-	-	36	303F
507A	66	63	351	22	43	-	1- 7/8	18- 3/8	1-13/16	43	-	-	36	303E
507A	63	60	352	22	46	-	1- 7/8	18- 1/4	1- 7/8	46	-	-	36	303E
507A	60	57	353	22	49	-	1-15/16	18- 1/4	1- 7/8	49	-	-	36	303F
507A	57	54	354	22	52	-	1-15/16	18- 1/8	1-15/16	52	-	-	36	301F
507A	54	51	354	22	52	-	2- 1/16	18	2	52	-	-	36	301F
507A	51	48	354	22	52	-	2- 1/8	17- 3/4	2- 1/8	52	-	-	36	301F
507A	48	45	354	22	52	-	2- 1/4	17- 1/2	2- 1/4	52	-	-	36	301F
507A	45	43	354	22	52	-	2- 9/16	16- 7/8	2- 9/16	52	-	-	36	301G
507A	43	41	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
507A	41	39	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
507A	39	36	354	22	52	-	2-11/16	16- 5/8	2-11/16	52	-	-	36	301G
507A	36	33	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
507A	33	30	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
507A	30	27	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
507A	27	24	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
507A	24	21	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
507A	21	18	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
507A	18	15	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
507A	15	12	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
507A	12	9	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
507A	9	7	354	22	52	-	4	14	4	52	-	-	36	301J
507A	7	5	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
507A	5	3	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
507A	3	1	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
507A	1	274	354	22	52	-	4- 1/2	13- 1/4	4- 3/8	52	-	-	36	301K
507A	274	242	354	22	52	-	4- 5/8	12- 3/4	4- 5/6	52	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

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PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

							PLATE 1		PLATE 2		PLATE 3			
COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
508A	106	104	112	-	-	14WF211	-	-	-	-	-	-	36	101F
508A	104	101	112	-	-	14WF264	-	-	-	-	-	-	36	101F
508A	101	98	112	-	-	14WF342	-	-	-	-	-	-	36	101E
508A	98	95	112	-	-	14WF426	-	-	-	-	-	-	36	101D
508A	95	92	112	-	-	14WF500	-	-	-	-	-	-	42	101K
508A	92	89	112	-	-	14WF605	-	-	-	-	-	-	42	101L
508A	89	86	112	-	-	14WF665	-	-	-	-	-	-	42	103K
508A	86	83	112	-	-	14WF730	-	-	-	-	-	-	36	304A
508A	83	80	346	22	28	-	2- 1/2	17	2- 1/2	28	-	-	36	302B
508A	80	77	348	22	34	-	2- 1/4	17- 1/2	2- 1/4	34	-	-	36	302K
508A	77	75	350	22	40	-	3- 1/8	15- 3/4	3- 1/8	40	-	-	36	302J
508A	75	72	352	22	46	-	2- 3/8	17- 1/4	2- 3/8	46	-	-	36	302B
508A	72	69	354	22	52	-	2- 5/16	17- 3/8	2- 5/16	52	-	-	36	301F
508A	69	66	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
508A	66	63	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
508A	63	60	354	22	52	-	2-11/16	16- 5/8	2-11/16	52	-	-	36	301G
508A	60	57	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
508A	57	54	354	22	52	-	3	16	3	52	-	-	36	301H
508A	54	51	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
508A	51	48	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
508A	48	45	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
508A	45	43	354	22	52	-	4- 1/8	14	4	52	-	-	36	301K
508A	43	41	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
508A	41	39	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
508A	39	36	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
508A	36	33	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
508A	33	30	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
508A	30	27	354	22	52	-	5	12	5	52	-	-	36	301L
508A	27	24	354	22	52	-	5- 1/4	11- 3/4	5- 1/8	52	-	-	36	301M
508A	24	21	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
508A	21	18	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
508A	18	15	354	22	52	-	5- 7/8	10- 1/4	5- 7/8	52	-	-	36	301M
508A	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
508A	12	9	354	22	52	-	7	10	6	52	-	-	36	402D
508A	9	7	463	22	52	-	5	12	5	52	4- 1/8	39	36	502A
508A	7	5	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
508A	5	3	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
508A	3	1	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
508A	1	274	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
508A	274	242	567	22	52	-	5	12	5	52	3- 1/8	39	36	601A

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LESLIE E. ROBERTSON
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UNIVERSITY OF THE STATE OF NEW YORK

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EVISIONS

LESLIE E. ROBERTSON
No. 34360

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

							PLATE 1		PLATE 2		PLATE 3			
COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	LOWER SPLICE DET.NO
601A	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
601A	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
601A	101	98	111	-	-	12WF 92	-	-	-	-	-	-	42	101B
601A	98	95	111	-	-	12WF106	-	-	-	-	-	-	42	101B
601A	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B
601A	92	89	213	-	-	12WF161	-	-	-	-	-	-	36	101A
601A	89	86	213	-	-	12WF190	-	-	-	-	-	-	36	202A
601A	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
601A	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	304F
601A	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
601A	77	75	373	14	36	-	1- 1/4	11- 5/8	1- 3/16	36	-	-	36	301D
601A	75	72	373	14	36	-	1	12	1	36	-	-	36	301C
601A	72	69	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
601A	69	66	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	42	301C
601A	66	63	373	14	36	-	1- 5/16	11- 3/8	1- 5/16	36	-	-	36	302D
601A	63	60	375	14	43	-	1- 3/16	11- 5/8	1- 3/16	43	-	-	36	301D
601A	60	57	375	14	43	-	1- 1/4	11- 1/2	1- 1/4	43	-	-	36	301D
601A	57	54	375	14	43	-	1- 5/16	11- 3/8	1- 5/16	43	-	-	36	301D
601A	54	51	375	14	43	-	1- 7/16	11- 1/8	1- 7/16	43	-	-	36	301D
601A	51	48	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
601A	48	45	375	14	43	-	1- 9/16	10- 7/8	1- 9/16	43	-	-	36	301E
601A	45	43	375	14	43	-	1-13/16	10- 1/2	1- 3/4	43	-	-	36	301E
601A	43	41	375	14	43	-	2- 7/16	9- 1/8	2- 7/16	43	-	-	36	301G
601A	41	39	375	14	43	-	1- 7/8	10- 1/4	1- 7/8	43	-	-	36	301E
601A	39	36	375	14	43	-	1-15/16	10- 1/8	1-15/16	43	-	-	36	301F
601A	36	33	375	14	43	-	2	10	2	43	-	-	36	301F
601A	33	30	375	14	43	-	2- 1/8	9- 3/4	2- 1/8	43	-	-	36	301F
601A	30	27	375	14	43	-	2- 1/4	9- 1/2	2- 1/4	43	-	-	36	301F
601A	27	24	375	14	43	-	2- 5/16	9- 3/8	2- 5/16	43	-	-	36	301F
601A	24	21	375	14	43	-	2- 7/16	9- 1/8	2- 7/16	43	-	-	36	301G
601A	21	18	375	14	43	-	2- 9/16	9	2- 1/2	43	-	-	36	301G
601A	18	15	375	14	43	-	2- 5/8	8- 3/4	2- 5/8	43	-	-	36	301G
601A	15	12	375	14	43	-	2- 3/4	8- 1/2	2- 3/4	43	-	-	36	301G
601A	12	9	375	14	43	-	2-13/16	8- 3/8	2-13/16	43	-	-	36	301G
601A	9	7	375	14	43	-	2-15/16	8- 1/8	2-15/16	43	-	-	36	301G
601A	7	5	375	14	43	-	4- 1/2	5	4- 1/2	43	-	-	36	301J
601A	5	3	375	14	43	-	4- 1/2	5	4- 1/2	43	-	-	36	301J
601A	3	1	375	14	43	-	4- 1/2	5	4- 1/2	43	-	-	36	301J
601A	1	274	375	14	43	-	3- 3/8	7- 1/4	3- 3/8	43	-	-	36	301H
601A	274	242	375	14	43	-	3- 5/8	6- 3/4	3- 5/8	43	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER **TITLE** CORE COLUMN SCHEDULE **DATE** 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
602A	106	104	112	-	-	14WF 87	-	-	-	-	-	-	42	101H
602A	104	101	112	-	-	14WF103	-	-	-	-	-	-	42	101H
602A	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
602A	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G
602A	95	92	112	-	-	14WF176	-	-	-	-	-	-	36	101G X
602A	92	89	112	-	-	14WF193	-	-	-	-	-	-	36	101G
602A	89	86	112	-	-	14WF219	-	-	-	-	-	-	36	101F
602A	86	83	112	-	-	14WF237	-	-	-	-	-	-	36	101F
602A	83	80	112	-	-	14WF264	-	-	-	-	-	-	36	304G
602A	80	77	327	16	36	-	15/16	14- 1/4	7/8	36	-	-	36	301C
602A	77	75	327	16	36	-	1- 7/16	13- 1/4	1- 3/8	36	-	-	36	301D
602A	75	72	327	16	36	-	1- 1/8	13- 3/4	1- 1/8	36	-	-	36	301C
602A	72	69	327	16	36	-	1- 3/16	13- 5/8	1- 3/16	36	-	-	36	301D
602A	69	66	327	16	36	-	1- 3/8	13- 3/8	1- 5/16	36	-	-	36	301D
602A	66	63	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
602A	63	60	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
602A	60	57	327	16	36	-	1- 7/16	13- 1/8	1- 7/16	36	-	-	36	301D
602A	57	54	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
602A	54	51	327	16	36	-	1- 9/16	12- 7/8	1- 9/16	36	-	-	36	301E
602A	51	48	327	16	36	-	1- 5/8	12- 3/4	1- 5/8	36	-	-	36	301E
602A	48	45	327	16	36	-	1-11/16	12- 5/8	1-11/16	36	-	-	36	301E
602A	45	43	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
602A	43	41	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	301G
602A	41	39	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
602A	39	36	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
602A	36	33	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
602A	33	30	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
602A	30	27	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
602A	27	24	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
602A	24	21	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
602A	21	18	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
602A	18	15	327	16	36	-	2- 5/8	10- 7/8	2- 9/16	36	-	-	36	301G
602A	15	12	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
602A	12	9	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	301G
602A	9	7	327	16	36	-	2- 7/8	10- 3/8	2-13/16	36	-	-	36	301H
602A	7	5	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
602A	5	3	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
602A	3	1	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
602A	1	274	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	301H
602A	274	242	327	16	36	-	3- 3/8	9- 1/4	3- 3/8	36	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
									FOR STORY 106 SPLICE SEE DWG 3-A82-3					
603A	106	104	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
603A	104	101	112	-	-	14WF103	-	-	-	-	-	-	36	101H
603A	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
603A	98	95	112	-	-	14WF158	-	-	-	-	-	-	36	101G
603A	95	92	112	-	-	14WF184	-	-	-	-	-	-	36	101G X
603A	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
603A	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
603A	86	83	112	-	-	14WF237	-	-	-	-	-	-	36	101F
603A	83	80	112	-	-	14WF264	-	-	-	-	-	-	36	304G
603A	80	77	327	16	36	-	13/16	14- 3/8	13/16	36	-	-	36	301C
603A	77	75	327	16	36	-	1- 1/4	13- 1/2	1- 1/4	36	-	-	36	301D
603A	75	72	327	16	36	-	1	14	1	36	-	-	36	301C
603A	72	69	327	16	36	-	1- 1/16	13- 7/8	1- 1/16	36	-	-	36	301C
603A	69	66	327	16	36	-	1- 3/16	13- 5/8	1- 3/16	36	-	-	36	301D
603A	66	63	327	16	36	-	1- 3/16	13- 3/4	1- 1/8	36	-	-	36	301D
603A	63	60	327	16	36	-	1- 1/4	13- 5/8	1- 3/16	36	-	-	36	301D
603A	60	57	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
603A	57	54	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
603A	54	51	327	16	36	-	1- 7/16	13- 1/8	1- 7/16	36	-	-	36	301D
603A	51	48	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
603A	48	45	327	16	36	-	1- 9/16	12- 7/8	1- 9/16	36	-	-	36	301E
603A	45	43	327	16	36	-	1- 3/4	12- 1/2	1- 3/4	36	-	-	36	301E
603A	43	41	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
603A	41	39	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
603A	39	36	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
603A	36	33	327	16	36	-	2	12	2	36	-	-	36	301F
603A	33	30	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
603A	30	27	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
603A	27	24	327	16	36	-	2- 1/4	11- 5/8	2- 3/16	36	-	-	36	301F
603A	24	21	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
603A	21	18	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
603A	18	15	327	16	36	-	2- 1/2	11- 1/8	2- 7/16	36	-	-	36	301G
603A	15	12	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
603A	12	9	327	16	36	-	2- 5/8	10- 3/4	2- 5/8	36	-	-	36	301G
603A	9	7	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
603A	7	5	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
603A	5	3	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
603A	3	1	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
603A	1	274	327	16	36	-	3	10	3	36	-	-	36	301H
603A	274	242	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-A82-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
604A	106	104	111	-	-	12WF 53	-	-	-	-	-	-	42	101B
604A	104	101	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
604A	101	98	111	-	-	12WF 85	-	-	-	-	-	-	42	101B
604A	98	95	111	-	-	12WF106	-	-	-	-	-	-	36	101B
604A	95	92	111	-	-	12WF120	-	-	-	-	-	-	36	101B
604A	92	89	111	-	-	12WF161	-	-	-	-	-	-	36	101A
604A	89	86	111	-	-	12WF161	-	-	-	-	-	-	36	101A
604A	86	83	111	-	-	12WF190	-	-	-	-	-	-	36	101A
604A	83	80	111	-	-	12WF190	-	-	-	-	-	-	36	304F
604A	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
604A	77	75	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
604A	75	72	373	14	36	-	7/8	12- 3/8	13/16	36	-	-	36	301C
604A	72	69	373	14	36	-	7/8	12- 1/4	7/8	36	-	-	36	301C
604A	69	66	373	14	36	-	1	12- 1/8	15/16	36	-	-	36	301C
604A	66	63	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
604A	63	60	373	14	36	-	1	12	1	36	-	-	36	301C
604A	60	57	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
604A	57	54	373	14	36	-	1- 1/16	11- 7/8	1- 1/16	36	-	-	36	301C
604A	54	51	373	14	36	-	1- 1/8	11- 3/4	1- 1/8	36	-	-	36	301C
604A	51	48	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
604A	48	45	373	14	36	-	1- 1/4	11- 5/8	1- 3/16	36	-	-	36	301D
604A	45	43	373	14	36	-	1- 3/8	11- 1/4	1- 3/8	36	-	-	36	301D
604A	43	41	373	14	36	-	1-15/16	10- 1/4	1- 7/8	36	-	-	36	301F
604A	41	39	373	14	36	-	1- 7/16	11- 1/8	1- 7/16	36	-	-	36	301D
604A	39	36	373	14	36	-	1- 1/2	11- 1/8	1- 7/16	36	-	-	36	301D
604A	36	33	373	14	36	-	1- 9/16	11	1- 1/2	36	-	-	36	301E
604A	33	30	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
604A	30	27	373	14	36	-	1- 5/8	10- 3/4	1- 5/8	36	-	-	36	301E
604A	27	24	373	14	36	-	1-11/16	10- 5/8	1-11/16	36	-	-	36	301E
604A	24	21	373	14	36	-	1- 3/4	10- 1/2	1- 3/4	36	-	-	36	301E
604A	21	18	373	14	36	-	1-13/16	10- 1/2	1- 3/4	36	-	-	36	301E
604A	18	15	373	14	36	-	1- 7/8	10- 3/8	1-13/16	36	-	-	36	301E
604A	15	12	373	14	36	-	1- 7/8	10- 1/4	1- 7/8	36	-	-	36	301E
604A	12	9	373	14	36	-	1-15/16	10- 1/8	1-15/16	36	-	-	36	301F
604A	9	7	373	14	36	-	2	10	2	36	-	-	36	301F
604A	7	5	373	14'	36	-	3- 3/16	7- 5/8	3- 3/16	36	-	-	36	301H
604A	5	3	373	14	36	-	3- 3/16	7- 5/8	3- 3/16	36	-	-	36	301H
604A	3	1	373	14	36	-	3- 3/16	7- 5/8	3- 3/16	36	-	-	36	301H
604A	1	274	373	14	36	-	2- 1/4	9- 1/2	2- 1/4	36	-	-	36	301F
604A	274	242	373	14	36	-	2- 3/8	9- 1/4	2- 3/8	36	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
605A	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
605A	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
605A	101	98	111	-	-	12WF 92	-	-	-	-	-	-	42	101B
605A	98	95	111	-	-	12WF120	-	-	-	-	-	-	36	101B
605A	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B X
605A	92	89	111	-	-	12WF161	-	-	-	-	-	-	36	101A
605A	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202B
605A	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
605A	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	304F
605A	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
605A	77	75	373	14	36	-	1- 1/16	11- 7/8	1- 1/16	36	-	-	36	301C
605A	75	72	373	14	36	-	7/8	12- 3/8	13/16	36	-	-	36	301C
605A	72	69	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
605A	69	66	373	14	36	-	1	12	1	36	-	-	36	301C
605A	66	63	373	14	36	-	1	12	1	36	-	-	36	301C
605A	63	60	373	14	36	-	1- 1/16	11- 7/8	1- 1/16	36	-	-	36	301C
605A	60	57	373	14	36	-	1- 1/8	11- 3/4	1- 1/8	36	-	-	36	301C
605A	57	54	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
605A	54	51	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
605A	51	48	373	14	36	-	1- 1/4	11- 1/2	1- 1/4	36	-	-	36	301D
605A	48	45	373	14	36	-	1- 5/16	11- 3/8	1- 5/16	36	-	-	36	301D
605A	45	43	373	14	36	-	1- 1/2	11	1- 1/2	36	-	-	36	301D
605A	43	41	373	14	36	-	2	10	2	36	-	-	36	301F
605A	41	39	373	14	36	-	1- 1/2	11	1- 1/2	36	-	-	36	301D
605A	39	36	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
605A	36	33	373	14	36	-	1- 5/8	10- 3/4	1- 5/8	36	-	-	36	301E
605A	33	30	373	14	36	-	1-11/16	10- 5/8	1-11/16	36	-	-	36	301E
605A	30	27	373	14	36	-	1- 3/4	10- 1/2	1- 3/4	36	-	-	36	301E
605A	27	24	373	14	36	-	1-13/16	10- 3/8	1-13/16	36	-	-	36	301E
605A	24	21	373	14	36	-	1- 7/8	10- 1/4	1- 7/8	36	-	-	36	301E
605A	21	18	373	14	36	-	1-15/16	10- 1/8	1-15/16	36	-	-	36	301F
605A	18	15	373	14	36	-	2	10	2	36	-	-	36	301F
605A	15	12	373	14	36	-	2- 1/16	10	2	36	-	-	36	301F
605A	12	9	373	14	36	-	2- 1/8	9- 7/8	2- 1/16	36	-	-	36	301F
605A	9	7	373	14	36	-	2- 3/16	9- 3/4	2- 1/8	36	-	-	36	301F
605A	7	5	373	14	36	-	3- 7/16	7- 1/8	3- 7/16	36	-	-	36	301H
605A	5	3	373	14	36	-	3- 7/16	7- 1/8	3- 7/16	36	-	-	36	301H
605A	3	1	373	14	36	-	3- 7/16	7- 1/8	3- 7/16	36	-	-	36	301H
605A	1	274	373	14	36	-	2- 7/16	9- 1/8	2- 7/16	36	-	-	36	301G
605A	274	242	373	14	36	-	2- 9/16	8- 7/8	2- 9/16	36	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
606A	106	104	112	-	-	14WF 84	-	-	-	-	-	-	42	101H
606A	104	101	112	-	-	14WF103	-	-	-	-	-	-	42	101H
606A	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
606A	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G
606A	95	92	112	-	-	14WF176	-	-	-	-	-	-	36	101G
606A	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
606A	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
606A	86	83	112	-	-	14WF237	-	-	-	-	-	-	36	101F
606A	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	304G
606A	80	77	327	16	36	-	7/8	14- 3/8	13/16	36	-	-	36	301D
606A	77	75	327	16	36	-	1- 9/16	13	1- 1/2	36	-	-	36	301E
606A	75	72	327	16	36	-	1- 1/4	13- 5/8	1- 3/16	36	-	-	36	301D
606A	72	69	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
606A	69	66	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
606A	66	63	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
606A	63	60	327	16	36	-	1- 1/2	13- 1/8	1- 7/16	36	-	-	36	301D
606A	60	57	327	16	36	-	1- 9/16	13	1- 1/2	36	-	-	36	301E
606A	57	54	327	16	36	-	1- 5/8	12- 7/8	1- 9/16	36	-	-	36	301E
606A	54	51	327	16	36	-	1-11/16	12- 3/4	1- 5/8	36	-	-	36	301E
606A	51	48	327	16	36	-	1- 3/4	12- 5/8	1-11/16	36	-	-	36	301E
606A	48	45	327	16	36	-	1-13/16	12- 3/8	1-13/16	36	-	-	36	301E
606A	45	43	327	16	36	-	2- 1/16	12	2	36	-	-	36	301F
606A	43	41	327	16	36	-	2-13/16	10- 1/2	2- 3/4	36	-	-	36	301G
606A	41	39	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
606A	39	36	327	16	36	-	2- 1/8	11- 7/8	2- 1/16	36	-	-	36	301F
606A	36	33	327	16	36	-	2- 3/16	11- 3/4	2- 1/8	36	-	-	36	301F
606A	33	30	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
606A	30	27	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
606A	27	24	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
606A	24	21	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
606A	21	18	327	16	36	-	2- 5/8	10- 3/4	2- 5/8	36	-	-	36	301G
606A	18	15	327	16	36	-	2- 3/4	10- 5/8	2-11/16	36	-	-	36	301G
606A	15	12	327	16	36	-	2-13/16	10- 3/8	2-13/16	36	-	-	36	301G
606A	12	9	327	16	36	-	2- 7/8	10- 1/4	2- 7/8	36	-	-	36	301G
606A	9	7	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
606A	7	5	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
606A	5	3	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
606A	3	1	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
606A	1	274	327	16	36	-	3	10	3	36	-	-	36	301H
606A	274	242	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
607A	106	104	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
607A	104	101	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
607A	101	98	112	-	-	14WF119	-	-	-	-	-	-	36	101H
607A	98	95	112	-	-	14WF142	-	-	-	-	-	-	36	101G
607A	95	92	112	-	-	14WF167	-	-	-	-	-	-	36	101G
607A	92	89	112	-	-	14WF184	-	-	-	-	-	-	36	101G
607A	89	86	112	-	-	14WF211	-	-	-	-	-	-	36	101F
607A	86	83	112	-	-	14WF219	-	-	-	-	-	-	36	101F
607A	83	80	112	-	-	14WF246	-	-	-	-	-	-	36	304G
607A	80	77	327	16	36	-	7/8	14- 1/4	7/8	36	-	-	36	301C
607A	77	75	327	16	36	-	1- 5/16	13- 1/2	1- 1/4	36	-	-	36	301D
607A	75	72	327	16	36	-	1- 1/16	13- 7/8	1- 1/16	36	-	-	36	301C
607A	72	69	327	16	36	-	1- 1/8	13- 3/4	1- 1/8	36	-	-	36	301C
607A	69	66	327	16	36	-	1- 1/4	13- 5/8	1- 3/16	36	-	-	36	301D
607A	66	63	327	16	36	-	1- 3/16	13- 5/8	1- 3/16	36	-	-	36	301D
607A	63	60	327	16	36	-	1- 1/4	13- 1/2	1- 1/4	36	-	-	36	301D
607A	60	57	327	16	36	-	1- 3/8	13- 3/8	1- 5/16	36	-	-	36	301D
607A	57	54	327	16	36	-	1- 7/16	13- 1/4	1- 3/8	36	-	-	36	301D
607A	54	51	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
607A	51	48	327	16	36	-	1- 9/16	12- 7/8	1- 9/16	36	-	-	36	301E
607A	48	45	327	16	36	-	1- 5/8	12- 3/4	1- 5/8	36	-	-	36	301E
607A	45	43	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
607A	43	41	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
607A	41	39	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
607A	39	36	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
607A	36	33	327	16	36	-	2	12	2	36	-	-	36	301F
607A	33	30	327	16	36	-	2- 1/8	11- 7/8	2- 1/16	36	-	-	36	301F
607A	30	27	327	16	36	-	2- 3/16	11- 3/4	2- 1/8	36	-	-	36	301F
607A	27	24	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
607A	24	21	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
607A	21	18	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
607A	18	15	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
607A	15	12	327	16	36	-	2- 5/8	10- 7/8	2- 9/16	36	-	-	36	301G
607A	12	9	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
607A	9	7	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	301G
607A	7	5	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
607A	5	3	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
607A	3	1	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
607A	1	274	327	16	36	-	3- 1/8	10	3	36	-	-	36	301H
607A	274	242	327	16	36	-	3- 1/4	9- 3/4	3- 1/8	36	-	-	36	602A

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REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.N
FOR	111	106	SEE DRAWING BOOK 9											
										FOR STORY 106 SPLICE SEE DWG 3-AB2-3				
608A	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
608A	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
608A	101	98	111	-	-	12WF 92	-	-	-	-	-	-	36	101B
608A	98	95	111	-	-	12WF106	-	-	-	-	-	-	36	101B
608A	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B
608A	92	89	111	-	-	12WF161	-	-	-	-	-	-	36	101A
608A	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202A
608A	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
608A	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	304F
608A	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
608A	77	75	373	14	36	-	1	12	1	36	-	-	36	301C
608A	75	72	373	14	36	-	7/8	12- 1/4	7/8	36	-	-	36	301C
608A	72	69	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
608A	69	66	373	14	36	-	1	12	1	36	-	-	42	301C
608A	66	63	373	14	36	-	1	12	1	36	-	-	36	302D
608A	63	60	375	14	43	-	1	12	1	43	-	-	36	301C
608A	60	57	375	14	43	-	1	12	1	43	-	-	36	301C
608A	57	54	375	14	43	-	1- 1/16	11- 7/8	1- 1/16	43	-	-	36	301C
608A	54	51	375	14	43	-	1- 1/8	11- 3/4	1- 1/8	43	-	-	36	301C
608A	51	48	375	14	43	-	1- 3/16	11- 5/8	1- 3/16	43	-	-	36	301D
608A	48	45	375	14	43	-	1- 1/4	11- 1/2	1- 1/4	43	-	-	36	301D
608A	45	43	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
608A	43	41	375	14	43	-	2- 1/16	9- 7/8	2- 1/16	43	-	-	36	301F
608A	41	39	375	14	43	-	1- 5/8	10- 3/4	1- 5/8	43	-	-	36	301E
608A	39	36	375	14	43	-	1-11/16	10- 5/8	1-11/16	43	-	-	36	301E
608A	36	33	375	14	43	-	1- 3/4	10- 1/2	1- 3/4	43	-	-	36	301E
608A	33	30	375	14	43	-	1-13/16	10- 3/8	1-13/16	43	-	-	36	301E
608A	30	27	375	14	43	-	1- 7/8	10- 1/4	1- 7/8	43	-	-	36	301E
608A	27	24	375	14	43	-	1-15/16	10- 1/8	1-15/16	43	-	-	36	301F
608A	24	21	375	14	43	-	2	10	2	43	-	-	36	301F
608A	21	18	375	14	43	-	2- 1/16	9- 7/8	2- 1/16	43	-	-	36	301F
608A	18	15	375	14	43	-	2- 3/16	9- 5/8	2- 3/16	43	-	-	36	301F
608A	15	12	375	14	43	-	2- 1/4	9- 1/2	2- 1/4	43	-	-	36	301F
608A	12	9	375	14	43	-	2- 5/16	9- 3/8	2- 5/16	43	-	-	36	301F
608A	9	7	375	14	43	-	2- 7/16	9- 1/8	2- 7/16	43	-	-	36	301G
608A	7	5	375	14	43	-	4	6	4	43	-	-	36	301J
608A	5	3	375	14	43	-	4	6	4	43	-	-	36	301J
608A	3	1	375	14	43	-	4	6	4	43	-	-	36	301J
608A	1	274	375	14	43	-	2- 7/8	8- 1/4	2- 7/8	43	-	-	36	301H
608A	274	242	375	14	43	-	3- 1/8	7- 3/4	3- 1/8	43	-	-	36	602A

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EVISIONS

LESLIE E. ROBERTSON No. 34960

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
701A	106	104	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
701A	104	101	111	-	-	12WF 92	-	-	-	-	-	-	42	101B
701A	101	98	111	-	-	12WF120	-	-	-	-	-	-	42	101B
701A	98	95	111	-	-	12WF161	-	-	-	-	-	-	42	304H
701A	95	92	377	15	14	-	15/16	13- 1/4	7/8	14	-	-	42	301C X
701A	92	89	377	15	14	-	1- 1/8	12- 3/4	1- 1/8	14	-	-	42	301C
701A	89	86	377	15	14	-	1- 5/16	12- 3/8	1- 5/16	14	-	-	42	301D
701A	86	83	377	15	14	-	1- 1/2	12	1- 1/2	14	-	-	42	301D
701A	83	80	377	15	14	-	1- 5/8	11- 3/4	1- 5/8	14	-	-	42	301E
701A	80	77	377	15	14	-	1- 7/8	11- 3/8	1-13/16	14	-	-	42	302G
701A	77	75	381	15	37	-	1- 7/16	12- 1/4	1- 3/8	37	-	-	36	301D
701A	75	72	381	15	37	-	1- 3/16	12- 5/8	1- 3/16	37	-	-	36	301D
701A	72	69	381	15	37	-	1- 1/4	12- 1/2	1- 1/4	37	-	-	36	301D
701A	69	66	381	15	37	-	1- 7/16	12- 1/8	1- 7/16	37	-	-	42	301D
701A	66	63	381	15	37	-	1- 7/16	12- 1/4	1- 3/8	37	-	-	36	301D
701A	63	60	381	15	37	-	1- 1/2	12- 1/8	1- 7/16	37	-	-	36	301D
701A	60	57	381	15	37	-	1- 9/16	11- 7/8	1- 9/16	37	-	-	36	301E
701A	57	54	381	15	37	-	1- 5/8	11- 3/4	1- 5/8	37	-	-	36	301E
701A	54	51	381	15	37	-	1-11/16	11- 5/8	1-11/16	37	-	-	36	301E
701A	51	48	381	15	37	-	1- 3/4	11- 1/2	1- 3/4	37	-	-	36	301E
701A	48	45	381	15	37	-	1-13/16	11- 3/8	1-13/16	37	-	-	36	301E
701A	45	43	381	15	37	-	1- 7/8	11- 1/4	1- 7/8	37	-	-	36	301E
701A	43	41	381	15	37	-	2-13/16	9- 3/8	2-13/16	37	-	-	36	301G
701A	41	39	381	15	37	-	2- 1/8	10- 3/4	2- 1/8	37	-	-	36	301F
701A	39	36	381	15	37	-	2- 1/4	10- 1/2	2- 1/4	37	-	-	36	301F
701A	36	33	381	15	37	-	2- 3/8	10- 1/4	2- 3/8	37	-	-	36	301G
701A	33	30	381	15	37	-	2- 1/2	10	2- 1/2	37	-	-	36	301G
701A	30	27	381	15	37	-	2- 5/8	9- 3/4	2- 5/8	37	-	-	36	301G
701A	27	24	381	15	37	-	2- 3/4	9- 5/8	2-11/16	37	-	-	36	301G
701A	24	21	381	15	37	-	2-13/16	9- 3/8	2-13/16	37	-	-	36	301G
701A	21	18	381	15	37	-	2-15/16	9- 1/8	2-15/16	37	-	-	36	301H
701A	18	15	381	15	37	-	3- 1/8	9	3	37	-	-	36	301H
701A	15	12	381	15	37	-	3- 1/8	8- 3/4	3- 1/8	37	-	-	36	301H
701A	12	9	381	15	37	-	3- 1/4	8- 1/2	3- 1/4	37	-	-	36	301H
701A	9	7	381	15	37	-	3- 3/8	8- 1/4	3- 3/8	37	-	-	36	301H
701A	7	5	381	15	37	-	4- 1/2	6	4- 1/2	37	-	-	36	301J
701A	5	3	381	15	37	-	4- 1/2	6	4- 1/2	37	-	-	36	301J
701A	3	1	381	15	37	-	4- 1/2	6	4- 1/2	37	-	-	36	301J
701A	1	274	381	15	37	-	3- 7/8	7- 1/4	3- 7/8	37	-	-	36	301J
701A	274	242	381	15	37	-	4- 1/4	6- 1/2	4- 1/4	37	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

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REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
702A	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
702A	104	101	112	-	-	14WF111	-	-	-	-	-	-	36	101H
702A	101	98	112	-	-	14WF150	-	-	-	-	-	-	36	101G
702A	98	95	112	-	-	14WF176	-	-	-	-	-	-	36	101G X
702A	95	92	112	-	-	14WF211	-	-	-	-	-	-	36	101F
702A	92	89	112	-	-	14WF237	-	-	-	-	-	-	36	101F
702A	89	86	112	-	-	14WF264	-	-	-	-	-	-	36	101F
702A	86	83	112	-	-	14WF287	-	-	-	-	-	-	36	101E
702A	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	101E
702A	80	77	112	-	-	14WF314	-	-	-	-	-	-	36	101D
702A	77	75	112	-	-	14WF500	-	-	-	-	-	-	36	101K
702A	75	72	112	-	-	14WF398	-	-	-	-	-	-	36	101D
702A	72	69	112	-	-	14WF426	-	-	-	-	-	-	36	101D
702A	69	66	112	-	-	14WF455	-	-	-	-	-	-	36	101K
702A	66	63	112	-	-	14WF455	-	-	-	-	-	-	36	101K
702A	63	60	112	-	-	14WF500	-	-	-	-	-	-	36	101K
702A	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
702A	57	54	112	-	-	14WF550	-	-	-	-	-	-	36	101L
702A	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
702A	51	48	112	-	-	14WF605	-	-	-	-	-	-	36	101L
702A	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
702A	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101M
702A	43	41	112	-	-	14WF730	-	-	-	-	-	-	36	101M
702A	41	39	112	-	-	14WF730	-	-	-	-	-	-	36	101M
702A	39	36	112	-	-	14WF730	-	-	-	-	-	-	36	202C
702A	36	33	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
702A	33	30	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
702A	30	27	215	-	-	14WF730	7/8	16	-	-	-	-	36	215A
702A	27	24	215	-	-	14WF730	1- 1/8	16	-	-	-	-	36	215B
702A	24	21	215	-	-	14WF730	1- 3/8	16	-	-	-	-	36	215C
702A	21	18	215	-	-	14WF730	1- 9/16	16	-	-	-	-	36	215C
702A	18	15	215	-	-	14WF730	1-13/16	16	-	-	-	-	36	215C
702A	15	12	215	-	-	14WF730	2- 1/16	16	-	-	-	-	36	215C
702A	12	9	215	-	-	14WF730	2- 5/16	16	-	-	-	-	36	215C
702A	9	7	215	-	-	14WF730	2- 9/16	16	-	-	-	-	36	304Q
702A	7	5	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
702A	5	3	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
702A	3	1	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
702A	1	274	356	26	30	-	3- 1/4	19- 1/2	3- 1/4	30	-	-	36	301H
702A	274	242	356	26	30	-	3- 1/2	19	3- 1/2	30	-	-	36	602A

LESLIE E. ROBERTSON
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COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLIC DET.N
FOR	111	106	SEE DRAWING BOOK 9											
FOR STORY 106 SPLICE SEE DWG 3-AB2-3														
703A	106	104	112	-	-	14WF 48	-	-	-	-	-	-	42	101J
703A	104	101	112	-	-	14WF 61	-	-	-	-	-	-	42	101H
703A	101	98	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
703A	98	95	112	-	-	14WF103	-	-	-	-	-	-	36	101H
703A	95	92	112	-	-	14WF127	-	-	-	-	-	-	36	101H
703A	92	89	112	-	-	14WF142	-	-	-	-	-	-	36	101G
703A	89	86	112	-	-	14WF158	-	-	-	-	-	-	36	101G
703A	86	83	112	-	-	14WF176	-	-	-	-	-	-	36	101G
703A	83	80	112	-	-	14WF193	-	-	-	-	-	-	36	101G
703A	80	77	112	-	-	14WF193	-	-	-	-	-	-	36	101G
703A	77	75	112	-	-	14WF342	-	-	-	-	-	-	45	304E
703A	75	72	382	16	34	-	13/16	14- 3/8	13/16	34	-	-	36	301B
703A	72	69	382	16	34	-	7/8	14- 1/4	7/8	34	-	-	36	301C
703A	69	66	382	16	34	-	15/16	14- 1/8	15/16	34	-	-	36	301C
703A	66	63	382	16	34	-	15/16	14- 1/8	15/16	34	-	-	36	301C
703A	63	60	382	16	34	-	1	14- 1/8	15/16	34	-	-	36	301C
703A	60	57	382	16	34	-	1- 1/16	14	1	34	-	-	36	301C
703A	57	54	382	16	34	-	1- 1/16	13- 7/8	1- 1/16	34	-	-	36	301C
703A	54	51	382	16	34	-	1- 1/8	13- 3/4	1- 1/8	34	-	-	36	301C
703A	51	48	382	16	34	-	1- 3/16	13- 5/8	1- 3/16	34	-	-	36	301D
703A	48	45	382	16	34	-	1- 1/4	13- 1/2	1- 1/4	34	-	-	36	301D
703A	45	43	382	16	34	-	1- 3/8	13- 1/4	1- 3/8	34	-	-	36	301D
703A	43	41	382	16	34	-	2	12	2	34	-	-	36	301F
703A	41	39	382	16	34	-	1- 1/2	13	1- 1/2	34	-	-	36	301D
703A	39	36	382	16	34	-	1- 9/16	13	1- 1/2	34	-	-	36	301E
703A	36	33	382	16	34	-	1- 5/8	12- 7/8	1- 9/16	34	-	-	36	301E
703A	33	30	382	16	34	-	1- 5/8	12- 3/4	1- 5/8	34	-	-	36	301E
703A	30	27	382	16	34	-	1-11/16	12- 5/8	1-11/16	34	-	-	36	301E
703A	27	24	382	16	34	-	1-13/16	12- 1/2	1- 3/4	34	-	-	36	301E
703A	24	21	382	16	34	-	1- 7/8	12- 3/8	1-13/16	34	-	-	36	301E
703A	21	18	382	16	34	-	1-15/16	12- 1/4	1- 7/8	34	-	-	36	301F
703A	18	15	382	16	34	-	2	12- 1/8	1-15/16	34	-	-	36	301F
703A	15	12	382	16	34	-	2- 1/16	12	2	34	-	-	36	301F
703A	12	9	382	16	34	-	2- 1/8	11- 3/4	2- 1/8	34	-	-	36	301F
703A	9	7	382	16	34	-	2- 3/16	11- 3/4	2- 1/8	34	-	-	36	301F
703A	7	5	382	16	34	-	3- 3/8	9- 1/4	3- 3/8	34	-	-	36	301H
703A	5	3	382	16	34	-	3- 3/8	9- 1/4	3- 3/8	34	-	-	36	301H
703A	3	1	382	16	34	-	3- 3/8	9- 1/4	3- 3/8	34	-	-	36	301H
703A	1	274	382	16	34	-	2- 7/16	11- 1/8	2- 7/16	34	-	-	36	301G
703A	274	242	382	16	34	-	2- 9/16	11	2- 1/2	34	-	-	36	301G
703A	242	227	382	16	34	-	2- 9/16	11	2- 1/2	34	-	-	36	603A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-A82-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
704A	106	104	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
704A	104	101	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
704A	101	98	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
704A	98	95	112	-	-	14WF 53	-	-	-	-	-	-	50	101J
704A	95	92	112	-	-	14WF 61	-	-	-	-	-	-	50	101H
704A	92	89	112	-	-	14WF 68	-	-	-	-	-	-	50	101H
704A	89	86	112	-	-	14WF 74	-	-	-	-	-	-	36	101H
704A	86	83	112	-	-	14WF 78	-	-	-	-	-	-	36	101H
704A	83	80	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
704A	80	77	112	-	-	14WF 84	-	-	-	-	-	-	45	101H
704A	77	75	112	-	-	14WF127	-	-	-	-	-	-	50	101H
704A	75	72	112	-	-	14WF111	-	-	-	-	-	-	42	101H
704A	72	69	112	-	-	14WF119	-	-	-	-	-	-	42	101H
704A	69	66	112	-	-	14WF127	-	-	-	-	-	-	42	101H
704A	66	63	112	-	-	14WF127	-	-	-	-	-	-	42	101H
704A	63	60	112	-	-	14WF127	-	-	-	-	-	-	42	101H
704A	60	57	112	-	-	14WF136	-	-	-	-	-	-	42	101H
704A	57	54	112	-	-	14WF142	-	-	-	-	-	-	42	101G
704A	54	51	112	-	-	14WF150	-	-	-	-	-	-	42	101G
704A	51	48	112	-	-	14WF158	-	-	-	-	-	-	42	101G
704A	48	45	112	-	-	14WF167	-	-	-	-	-	-	42	101G
704A	45	43	112	-	-	14WF184	-	-	-	-	-	-	42	101G
704A	43	41	112	-	-	14WF246	-	-	-	-	-	-	42	101F
704A	41	39	112	-	-	14WF193	-	-	-	-	-	-	42	101G
704A	39	36	112	-	-	14WF193	-	-	-	-	-	-	42	101G
704A	36	33	112	-	-	14WF202	-	-	-	-	-	-	42	101F
704A	33	30	112	-	-	14WF211	-	-	-	-	-	-	42	101F
704A	30	27	112	-	-	14WF219	-	-	-	-	-	-	42	101F
704A	27	24	112	-	-	14WF228	-	-	-	-	-	-	42	101F
704A	24	21	112	-	-	14WF237	-	-	-	-	-	-	42	101F
704A	21	18	112	-	-	14WF237	-	-	-	-	-	-	42	101F
704A	18	15	112	-	-	14WF246	-	-	-	-	-	-	42	101F
704A	15	12	112	-	-	14WF264	-	-	-	-	-	-	42	101F
704A	12	9	112	-	-	14WF264	-	-	-	-	-	-	42	101F
704A	9	7	112	-	-	14WF287	-	-	-	-	-	-	42	101E
704A	7	5	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704A	5	3	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704A	3	1	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704A	1	274	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704A	274	242	112	-	-	14WF500	-	-	-	-	-	-	36	101K
704A	242	227	112	-	-	14WF550	-	-	-	-	-	-	36	603A

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

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PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

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REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

							PLATE 1		PLATE 2		PLATE 3			
COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	LOWER SPLICE DET.NO
705A	106	104	112	-	-	14WF 43	-	-	-	-	-	-	36	101J
705A	104	101	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
705A	101	98	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
705A	98	95	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
705A	95	92	112	-	-	14WF 48	-	-	-	-	-	-	50	101J
705A	92	89	112	-	-	14WF 53	-	-	-	-	-	-	50	101J
705A	89	86	112	-	-	14WF 61	-	-	-	-	-	-	50	101H
705A	86	83	112	-	-	14WF 61	-	-	-	-	-	-	42	101H
705A	83	80	112	-	-	14WF 68	-	-	-	-	-	-	42	101H
705A	80	77	112	-	-	14WF 68	-	-	-	-	-	-	50	101H
705A	77	75	112	-	-	14WF111	-	-	-	-	-	-	42	101H
705A	75	72	112	-	-	14WF 95	-	-	-	-	-	-	42	101H
705A	72	69	112	-	-	14WF103	-	-	-	-	-	-	42	101H
705A	69	66	112	-	-	14WF111	-	-	-	-	-	-	42	101H
705A	66	63	112	-	-	14WF111	-	-	-	-	-	-	42	101H
705A	63	60	112	-	-	14WF119	-	-	-	-	-	-	42	101H
705A	60	57	112	-	-	14WF127	-	-	-	-	-	-	42	101H
705A	57	54	112	-	-	14WF136	-	-	-	-	-	-	42	101H
705A	54	51	112	-	-	14WF142	-	-	-	-	-	-	42	101G
705A	51	48	112	-	-	14WF150	-	-	-	-	-	-	42	101G
705A	48	45	112	-	-	14WF158	-	-	-	-	-	-	42	101G
705A	45	43	112	-	-	14WF184	-	-	-	-	-	-	42	101G
705A	43	41	112	-	-	14WF246	-	-	-	-	-	-	42	101F
705A	41	39	112	-	-	14WF193	-	-	-	-	-	-	42	101G
705A	39	36	112	-	-	14WF193	-	-	-	-	-	-	42	101G
705A	36	33	112	-	-	14WF202	-	-	-	-	-	-	42	101F
705A	33	30	112	-	-	14WF211	-	-	-	-	-	-	42	101F
705A	30	27	112	-	-	14WF219	-	-	-	-	-	-	42	101F
705A	27	24	112	-	-	14WF228	-	-	-	-	-	-	42	101F
705A	24	21	112	-	-	14WF237	-	-	-	-	-	-	42	101F
705A	21	18	112	-	-	14WF246	-	-	-	-	-	-	42	101F
705A	18	15	112	-	-	14WF264	-	-	-	-	-	-	42	101F
705A	15	12	112	-	-	14WF264	-	-	-	-	-	-	42	101F
705A	12	9	112	-	-	14WF287	-	-	-	-	-	-	42	101E
705A	9	7	112	-	-	14WF287	-	-	-	-	-	-	42	304R
705A	7	5	328	17	28	-	2- 1/8	12- 3/4	2- 1/8	28	-	-	36	301F
705A	5	3	328	17	28	-	2- 1/8	12- 3/4	2- 1/8	28	-	-	36	301F
705A	3	1	328	17	28	-	2- 1/8	12- 3/4	2- 1/8	28	-	-	36	301F
705A	1	274	328	17	28	-	1- 1/8	14- 3/4	1- 1/8	28	-	-	36	301C
705A	274	242	328	17	28	-	1- 1/4	14- 1/2	1- 1/4	28	-	-	36	602A

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PROJECT THE WORLD TRADE CENTER **TITLE** CORE COLUMN SCHEDULE **DATE** 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
706A	106	104	112	-	-	14WF 68	-	-	-	-	-	-	42	101H
706A	104	101	112	-	-	14WF 74	-	-	-	-	-	-	42	101H
706A	101	98	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
706A	98	95	112	-	-	14WF111	-	-	-	-	-	-	36	101H
706A	95	92	112	-	-	14WF127	-	-	-	-	-	-	36	101H
706A	92	89	112	-	-	14WF142	-	-	-	-	-	-	36	101G
706A	89	86	112	-	-	14WF158	-	-	-	-	-	-	36	101G
706A	86	83	112	-	-	14WF167	-	-	-	-	-	-	36	101G
706A	83	80	112	-	-	14WF184	-	-	-	-	-	-	36	101G
706A	80	77	112	-	-	14WF184	-	-	-	-	-	-	36	101F
706A	77	75	112	-	-	14WF287	-	-	-	-	-	-	50	101E
706A	75	72	112	-	-	14WF246	-	-	-	-	-	-	36	101F
706A	72	69	112	-	-	14WF264	-	-	-	-	-	-	36	101F
706A	69	66	112	-	-	14WF314	-	-	-	-	-	-	36	101E
706A	66	63	112	-	-	14WF314	-	-	-	-	-	-	36	101E
706A	63	60	112	-	-	14WF342	-	-	-	-	-	-	36	101E
706A	60	57	112	-	-	14WF370	-	-	-	-	-	-	36	101D
706A	57	54	112	-	-	14WF370	-	-	-	-	-	-	36	101D
706A	54	51	112	-	-	14WF398	-	-	-	-	-	-	36	101D
706A	51	48	112	-	-	14WF426	-	-	-	-	-	-	36	101D
706A	48	45	112	-	-	14WF426	-	-	-	-	-	-	36	202B
706A	45	43	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
706A	43	41	214	-	-	14WF426	1	15	-	-	-	-	42	214B
706A	41	39	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
706A	39	36	214	-	-	14WF426	9/16	15	-	-	-	-	36	214A
706A	36	33	214	-	-	14WF426	3/4	15	-	-	-	-	36	214A
706A	33	30	214	-	-	14WF426	15/16	15	-	-	-	-	36	214A
706A	30	27	214	-	-	14WF426	1- 3/16	15	-	-	-	-	36	214A
706A	27	24	214	-	-	14WF426	1-11/16	15	-	-	-	-	36	304S
706A	24	21	329	17	30	-	2- 1/8	12- 3/4	2- 1/8	30	-	-	36	301F
706A	21	18	329	17	30	-	2- 1/4	12- 5/8	2- 3/16	30	-	-	36	301F
706A	18	15	329	17	30	-	2- 5/16	12- 3/8	2- 5/16	30	-	-	36	301F
706A	15	12	329	17	30	-	2- 3/8	12- 1/4	2- 3/8	30	-	-	36	301F
706A	12	9	329	17	30	-	2- 7/16	12- 1/8	2- 7/16	30	-	-	36	301E
706A	9	7	329	17	30	-	2- 1/2	12	2- 1/2	30	-	-	36	301G
706A	7	5	329	17	30	-	4- 3/8	8- 1/4	4- 3/8	30	-		36	301J
706A	5	3	329	17	30	-	4- 3/8	8- 1/4	4- 3/8	30	-	-	36	301J
706A	3	1	329	17	30	-	4- 3/8	8- 1/4	4- 3/8	30	-	-	36	301J
706A	1	274	329	17	30	-	2-13/16	11- 3/8	2-13/16	30	-	-	36	301G
706A	274	242	329	17	30	-	3- 1/8	11	3	30	-	-	36	602A

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PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
707A	106	104	112	-	-	14WF111	-	-	-	-	-	-	36	101H
707A	104	101	112	-	-	14WF127	-	-	-	-	-	-	36	101H
707A	101	98	112	-	-	14WF150	-	-	-	-	-	-	36	101G
707A	98	95	112	-	-	14WF167	-	-	-	-	-	-	36	101G X
707A	95	92	112	-	-	14WF193	-	-	-	-	-	-	36	101G
707A	92	89	112	-	-	14WF219	-	-	-	-	-	-	36	101F
707A	89	86	112	-	-	14WF246	-	-	-	-	-	-	36	101F
707A	86	83	112	-	-	14WF264	-	-	-	-	-	-	36	101F
707A	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	101E
707A	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101D
707A	77	75	112	-	-	14WF426	-	-	-	-	-	-	42	101D
707A	75	72	112	-	-	14WF370	-	-	-	-	-	-	36	101D
707A	72	69	112	-	-	14WF398	-	-	-	-	-	-	36	101D
707A	69	66	112	-	-	14WF426	-	-	-	-	-	-	36	101D
707A	66	63	112	-	-	14WF426	-	-	-	-	-	-	36	101D
707A	63	60	112	-	-	14WF455	-	-	-	-	-	-	36	101K
707A	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
707A	57	54	112	-	-	14WF500	-	-	-	-	-	-	36	101K
707A	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
707A	51	48	112	-	-	14WF550	-	-	-	-	-	-	36	101L
707A	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
707A	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101M
707A	43	41	112	-	-	14WF730	-	-	-	-	-	-	36	101M
707A	41	39	112	-	-	14WF665	-	-	-	-	-	-	36	101M
707A	39	36	112	-	-	14WF730	-	-	-	-	-	-	36	101M
707A	36	33	112	-	-	14WF730	-	-	-	-	-	-	36	202A
707A	33	30	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
707A	30	27	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
707A	27	24	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
707A	24	21	215	-	-	14WF730	1	16	-	-	-	-	36	215A
707A	21	18	215	-	-	14WF730	1- 5/16	16	-	-	-	-	36	215B
707A	18	15	215	-	-	14WF730	1-11/16	16	-	-	-	-	36	215C
707A	15	12	215	-	-	14WF730	1- 7/8	16	-	-	-	-	36	215C
707A	12	9	215	-	-	14WF730	2- 1/8	16	-	-	-	-	36	215C
707A	9	7	215	-	-	14WF730	2- 1/4	16	-	-	-	-	42	304Q
707A	7	5	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
707A	5	3	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
707A	3	1	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
707A	1	274	356	26	30	-	3- 1/8	19- 3/4	3- 1/8	30	-	-	36	301H
707A	274	242	356	26	30	-	3- 1/2	19- 1/4	3- 3/8	30	-	-	36	602A

LESLIE E. ROBERTSON
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TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
708A	106	104	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
708A	104	101	111	-	-	12WF120	-	-	-	-	-	-	42	101B
708A	101	98	111	-	-	12WF161	-	-	-	-	-	-	42	101A
708A	98	95	111	-	-	12WF190	-	-	-	-	-	-	42	101A
708A	95	92	111	-	-	12WF190	-	-	-	-	-	-	42	304H X
708A	92	89	377	15	14	-	1- 1/4	12- 5/8	1- 3/16	14	-	-	42	301D
708A	89	86	377	15	14	-	1- 7/16	12- 1/4	1- 3/8	14	-	-	42	301D
708A	86	83	377	15	14	-	1- 9/16	11- 7/8	1- 9/16	14	-	-	42	301E
708A	83	80	377	15	14	-	1- 3/4	11- 1/2	1- 3/4	14	-	-	42	301E
708A	80	77	377	15	14	-	1- 3/4	11- 5/8	1-11/16	14	-	-	42	302G
708A	77	75	381	15	37	-	1- 3/8	12- 1/4	1- 3/8	37	-	-	36	301D
708A	75	72	381	15	37	-	1- 1/8	12- 3/4	1- 1/8	37	-	-	36	301C
708A	72	69	381	15	37	-	1- 3/16	12- 5/8	1- 3/16	37	-	-	36	301D
708A	69	66	381	15	37	-	1- 5/16	12- 3/8	1- 5/16	37	-	-	42	301D
708A	66	63	381	15	37	-	1- 5/16	12- 3/8	1- 5/16	37	-	-	36	301D
708A	63	60	381	15	37	-	1- 3/8	12- 1/4	1- 3/8	37	-	-	36	301D
708A	60	57	381	15	37	-	1- 1/2	12- 1/8	1- 7/16	37	-	-	36	301D
708A	57	54	381	15	37	-	1- 5/8	11- 7/8	1- 9/16	37	-	-	36	301E
708A	54	51	381	15	37	-	1-11/16	11- 5/8	1-11/16	37	-	-	36	301E
708A	51	48	381	15	37	-	1- 3/4	11- 1/2	1- 3/4	37	-	-	36	301E
708A	48	45	381	15	37	-	1- 7/8	11- 3/8	1-13/16	37	-	-	36	301E
708A	45	43	381	15	37	-	2- 1/16	10- 7/8	2- 1/16	37	-	-	36	301F
708A	43	41	381	15	37	-	2- 7/8	9- 1/4	2- 7/8	37	-	-	36	301H
708A	41	39	381	15	37	-	2- 3/16	10- 5/8	2- 3/16	37	-	-	36	301F
708A	39	36	381	15	37	-	2- 1/4	10- 1/2	2- 1/4	37	-	-	36	301F
708A	36	33	381	15	37	-	2- 3/8	10- 3/8	2- 5/16	37	-	-	36	301G
708A	33	30	381	15	37	-	2- 7/16	10- 1/8	2- 7/16	37	-	-	36	301G
708A	30	27	381	15	37	-	2- 9/16	10	2- 1/2	37	-	-	36	301G
708A	27	24	381	15	37	-	2- 5/8	9- 3/4	2- 5/8	37	-	-	36	301G
708A	24	21	381	15	37	-	2- 3/4	9- 5/8	2-11/16	37	-	-	36	301G
708A	21	18	381	15	37	-	2-13/16	9- 3/8	2-13/16	37	-	-	36	301G
708A	18	15	381	15	37	-	3	9	3	37	-	-	36	301H
708A	15	12	381	15	37	-	3- 1/8	8- 3/4	3- 1/8	37	-	-	36	301H
708A	12	9	381	15	37	-	3- 1/4	8- 1/2	3- 1/4	37	-	-	36	301H
708A	9	7	381	15	37	-	3- 3/8	8- 1/4	3- 3/8	37	-	-	42	301H
708A	7	5	381	15	37	-	4- 5/8	5- 3/4	4- 5/8	37	-	-	36	301J
708A	5	3	381	15	37	-	4- 5/8	5- 3/4	4- 5/8	37	-	-	36	301J
708A	3	1	381	15	37	-	4- 5/8	5- 3/4	4- 5/8	37	-	-	36	301J
708A	1	274	381	15	37	-	3- 7/8	7- 1/4	3- 7/8	37	-	-	36	301J
708A	274	242	381	15	37	-	4- 1/4	6- 3/4	4- 1/8	37	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
801A	106	104	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
801A	104	101	111	-	-	12WF120	-	-	-	-	-	-	42	101B
801A	101	98	111	-	-	12WF161	-	-	-	-	-	-	42	101A
801A	98	95	111	-	-	12WF161	-	-	-	-	-	-	42	304H
801A	95	92	378	15	16	-	1- 1/16	12- 7/8	1- 1/16	16	-	-	42	301C X
801A	92	89	378	15	16	-	1- 3/16	12- 5/8	1- 3/16	16	-	-	42	301D
801A	89	86	378	15	16	-	1- 5/16	12- 3/8	1- 5/16	16	-	-	42	301D
801A	86	83	378	15	16	-	1- 3/8	12- 1/4	1- 3/8	16	-	-	42	301D
801A	83	80	378	15	16	-	1- 1/2	12	1- 1/2	16	-	-	42	301D
801A	80	77	378	15	16	-	1- 7/16	12- 1/8	1- 7/16	16	-	-	42	302F
801A	77	75	380	15	34	-	1- 3/8	12- 1/4	1- 3/8	34	-	-	36	301D
801A	75	72	380	15	34	-	1- 3/16	12- 3/4	1- 1/8	34	-	-	36	301D
801A	72	69	380	15	34	-	1- 1/4	12- 5/8	1- 3/16	34	-	-	36	301D
801A	69	66	380	15	34	-	1- 3/8	12- 1/4	1- 3/8	34	-	-	42	301D
801A	66	63	380	15	34	-	1- 3/8	12- 1/4	1- 3/8	34	-	-	36	301D
801A	63	60	380	15	34	-	1- 1/2	12	1- 1/2	34	-	-	36	301D
801A	60	57	380	15	34	-	1- 5/8	11- 7/8	1- 9/16	34	-	-	36	301E
801A	57	54	380	15	34	-	1-11/16	11- 5/8	1-11/16	34	-	-	36	301E
801A	54	51	380	15	34	-	1-13/16	11- 3/8	1-13/16	34	-	-	36	301E
801A	51	48	380	15	34	-	1-15/16	11- 1/8	1-15/16	34	-	-	36	301F
801A	48	45	380	15	34	-	2	11	2	34	-	-	36	301F
801A	45	43	380	15	34	-	2- 5/16	10- 3/8	2- 5/16	34	-	-	42	301F
801A	43	41	380	15	34	-	3- 1/4	8- 1/2	3- 1/4	34	-	-	36	301H
801A	41	39	380	15	34	-	2- 3/8	10- 1/4	2- 3/8	34	-	-	36	301G
801A	39	36	380	15	34	-	2- 1/2	10- 1/8	2- 7/16	34	-	-	36	301G
801A	36	33	380	15	34	-	2- 9/16	9- 7/8	2- 9/16	34	-	-	36	301G
801A	33	30	380	15	34	-	2-11/16	9- 5/8	2-11/16	34	-	-	36	301G
801A	30	27	380	15	34	-	2-13/16	9- 3/8	2-13/16	34	-	-	36	301G
801A	27	24	380	15	34	-	2- 7/8	9- 1/4	2- 7/8	34	-	-	36	301H
801A	24	21	380	15	34	-	3	9	3	34	-	-	36	301H
801A	21	18	380	15	34	-	3- 1/8	8- 3/4	3- 1/8	34	-	-	36	301H
801A	18	15	380	15	34	-	3- 1/4	8- 1/2	3- 1/4	34	-	-	36	301H
801A	15	12	380	15	34	-	3- 3/8	8- 1/4	3- 3/8	34	-	-	36	301H
801A	12	9	380	15	34	-	3- 1/2	8	3- 1/2	34	-	-	36	301J
801A	9	7	380	15	34	-	3- 5/8	7- 3/4	3- 5/8	34	-	-	42	301J
801A	7	5	380	15	34	-	5	5	5	34	-	-	36	301L
801A	5	3	380	15	34	-	5	5	5	34	-	-	36	301L
801A	3	1	380	15	34	-	5	5	5	34	-	-	36	301L
801A	1	274	380	15	34	-	4- 1/8	6- 3/4	4- 1/8	34	-	-	36	301K
801A	274	242	380	15	34	-	4- 1/2	6	4- 1/2	34	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
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No. 34960
UNIVERSITY OF THE STATE OF NEW YORK

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LESLIE E. ROBERTSON
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UNIVERSITY OF THE STATE OF NEW YORK

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

	UPR	LWR					PLATE 1		PLATE 2		PLATE 3			LOWER
COL.NO	SPL STR	SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	SPLICE DET.NO
802A	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
802A	104	101	112	-	-	14WF119	-	-	-	-	-	-	36	101H
802A	101	98	112	-	-	14WF158	-	-	-	-	-	-	36	101G
802A	98	95	112	-	-	14WF176	-	-	-	-	-	-	36	101G
802A	95	92	112	-	-	14WF228	-	-	-	-	-	-	36	101F
802A	92	89	112	-	-	14WF264	-	-	-	-	-	-	36	101F
802A	89	86	112	-	-	14WF287	-	-	-	-	-	-	36	101E
802A	86	83	112	-	-	14WF287	-	-	-	-	-	-	36	101E
802A	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	101E
802A	80	77	112	-	-	14WF370	-	-	-	-	-	-	36	101D
802A	77	75	112	-	-	14WF500	-	-	-	-	-	-	42	101K
802A	75	72	112	-	-	14WF398	-	-	-	-	-	-	36	101D
802A	72	69	112	-	-	14WF426	-	-	-	-	-	-	36	101D
802A	69	66	112	-	-	14WF455	-	-	-	-	-	-	36	101K
802A	66	63	112	-	-	14WF455	-	-	-	-	-	-	36	101K
802A	63	60	112	-	-	14WF500	-	-	-	-	-	-	36	101K
802A	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
802A	57	54	112	-	-	14WF550	-	-	-	-	-	-	36	101L
802A	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
802A	51	48	112	-	-	14WF605	-	-	-	-	-	-	36	101L
802A	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
802A	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101K
802A	43	41	112	-	-	14WF730	-	-	-	-	-	-	36	101M
802A	41	39	112	-	-	14WF730	-	-	-	-	-	-	36	101M
802A	39	36	112	-	-	14WF730	-	-	-	-	-	-	36	101M
802A	36	33	112	-	-	14WF730	-	-	-	-	-	-	36	202C
802A	33	30	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
802A	30	27	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
802A	27	24	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
802A	24	21	215	-	-	14WF730	15/16	16	-	-	-	-	36	215A
802A	21	18	215	-	-	14WF730	1- 3/16	16	-	-	-	-	36	215B
802A	18	15	215	-	-	14WF730	1- 7/16	16	-	-	-	-	36	215C
802A	15	12	215	-	-	14WF730	1-11/16	16	-	-	-	-	36	215C
802A	12	9	215	-	-	14WF730	1-15/16	16	-	-	-	-	36	215D
802A	9	7	215	-	-	14WF730	2- 3/16	16	-	-	-	-	42	304Q
802A	7	5	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
802A	5	3	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
802A	3	1	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
802A	1	274	356	26	30	-	3- 1/8	19- 3/4	3- 1/8	30	-	-	36	301H
802A	274	242	356	26	30	-	3- 1/2	19- 1/4	3- 3/8	30	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

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COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
														FOR STORY 106 SPLICE SEE DWG 3-AB2-3
803A	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
803A	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
803A	101	98	111	-	-	12WF120	-	-	-	-	-	-	42	101B
803A	98	95	111	-	-	12WF133	-	-	-	-	-	-	42	304H X
803A	95	92	379	15	17	-	3/4	13- 5/8	11/16	17	-	-	42	301B
803A	92	89	379	15	17	-	13/16	13- 3/8	13/16	17	-	-	42	301B
803A	89	86	379	15	17	-	15/16	13- 1/4	7/8	17	-	-	42	301C
803A	86	83	379	15	17	-	15/16	13- 1/8	15/16	17	-	-	36	301C
803A	83	80	379	15	17	-	1- 1/16	13	1	17	-	-	36	301C
803A	80	77	379	15	17	-	1	13	1	17	-	-	36	301D
803A	77	75	379	15	17	-	1-11/16	11- 3/4	1- 5/8	17	-	-	36	302F
803A	75	72	380	15	34	-	13/16	13- 3/8	13/16	34	-	-	36	301B
803A	72	69	380	15	34	-	7/8	13- 1/4	7/8	34	-	-	36	301C
803A	69	66	380	15	34	-	15/16	13- 1/8	15/16	34	-	-	36	301C
803A	66	63	380	15	34	-	15/16	13- 1/8	15/16	34	-	-	36	301C
803A	63	60	380	15	34	-	1	13	1	34	-	-	36	301C
803A	60	57	380	15	34	-	1- 1/16	12- 7/8	1- 1/16	34	-	-	36	301C
803A	57	54	380	15	34	-	1- 1/8	12- 3/4	1- 1/8	34	-	-	36	301C
803A	54	51	380	15	34	-	1- 3/16	12- 5/8	1- 3/16	34	-	-	36	301D
803A	51	48	380	15	34	-	1- 1/4	12- 5/8	1- 3/16	34	-	-	36	301D
803A	48	45	380	15	34	-	1- 5/16	12- 1/2	1- 1/4	34	-	-	36	301D
803A	45	43	380	15	34	-	1- 7/16	12- 1/8	1- 7/16	34	-	-	36	301D
803A	43	41	380	15	34	-	2- 1/16	10- 7/8	2- 1/16	34	-	-	36	301F
803A	41	39	380	15	34	-	1- 9/16	11- 7/8	1- 9/16	34	-	-	36	301E
803A	39	36	380	15	34	-	1- 9/16	11- 7/8	1- 9/16	34	-	-	36	301E
803A	36	33	380	15	34	-	1-11/16	11- 3/4	1- 5/8	34	-	-	36	301E
803A	33	30	380	15	34	-	1- 3/4	11- 5/8	1-11/16	34	-	-	36	301E
803A	30	27	380	15	34	-	1-13/16	11- 1/2	1- 3/4	34	-	-	36	301E
803A	27	24	380	15	34	-	1- 7/8	11- 3/8	1-13/16	34	-	-	36	301E
803A	24	21	380	15	34	-	1-15/16	11- 1/8	1-15/16	34	-	-	36	301F
803A	21	18	380	15	34	-	2	11	2	34	-	-	36	301F
803A	18	15	380	15	34	-	2- 1/16	10- 7/8	2- 1/16	34	-	-	36	301F
803A	15	12	380	15	34	-	2- 1/8	10- 3/4	2- 1/8	34	-	-	36	301F
803A	12	9	380	15	34	-	2- 3/16	10- 5/8	2- 3/16	34	-	-	36	301F
803A	9	7	380	15	34	-	2- 1/4	10- 1/2	2- 1/4	34	-	-	36	301F
803A	7	5	380	15	34	-	4	7	4	34	-	-	36	301J
803A	5	3	380	15	34	-	4	7	4	34	-	-	36	301J
803A	3	1	380	15	34	-	4	7	4	34	-	-	36	301J
803A	1	274	380	15	34	-	2- 9/16	9- 7/8	2- 9/16	34	-	-	36	301G
803A	274	242	380	15	34	-	2-11/16	9- 5/8	2-11/16	34	-	-	36	301G
803A	242	227	380	15	34	-	2-11/16	9- 5/8	2-11/16	34	-	-	36	603A

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REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
804A	106	104	111	-	-	12WF 40	-	-	-	-	-	-	45	101C
804A	104	101	111	-	-	12WF 50	-	-	-	-	-	-	42	101C
804A	101	98	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
804A	98	95	111	-	-	12WF 79	-	-	-	-	-	-	36	101B
804A	95	92	111	-	-	12WF 92	-	-	-	-	-	-	36	101B X
804A	92	89	111	-	-	12WF106	-	-	-	-	-	-	36	101B
804A	89	86	111	-	-	12WF120	-	-	-	-	-	-	36	101B
804A	86	83	111	-	-	12WF133	-	-	-	-	-	-	36	101B
804A	83	80	111	-	-	12WF161	-	-	-	-	-	-	36	101A
804A	80	77	111	-	-	12WF161	-	-	-	-	-	-	36	101A
804A	77	75	111	-	-	12WF190	-	-	-	-	-	-	42	104B
804A	75	72	112	-	-	14WF167	-	-	-	-	-	-	42	101G
804A	72	69	112	-	-	14WF176	-	-	-	-	-	-	42	101G
804A	69	66	112	-	-	14WF193	-	-	-	-	-	-	42	101G
804A	66	63	112	-	-	14WF193	-	-	-	-	-	-	42	101G
804A	63	60	112	-	-	14WF211	-	-	-	-	-	-	42	101F
804A	60	57	112	-	-	14WF219	-	-	-	-	-	-	42	101F
804A	57	54	112	-	-	14WF237	-	-	-	-	-	-	42	101F
804A	54	51	112	-	-	14WF246	-	-	-	-	-	-	42	101F
804A	51	48	112	-	-	14WF264	-	-	-	-	-	-	42	101F
804A	48	45	112	-	-	14WF287	-	-	-	-	-	-	42	101E
804A	45	43	112	-	-	14WF314	-	-	-	-	-	-	42	101E
804A	43	41	112	-	-	14WF426	-	-	-	-	-	-	42	101D
804A	41	39	112	-	-	14WF314	-	-	-	-	-	-	42	101E
804A	39	36	112	-	-	14WF342	-	-	-	-	-	-	42	101E
804A	36	33	112	-	-	14WF342	-	-	-	-	-	-	42	101E
804A	33	30	112	-	-	14WF370	-	-	-	-	-	-	42	101D
804A	30	27	112	-	-	14WF370	-	-	-	-	-	-	42	101D
804A	27	24	112	-	-	14WF370	-	-	-	-	-	-	42	101D
804A	24	21	112	-	-	14WF398	-	-	-	-	-	-	42	101D
804A	21	18	112	-	-	14WF398	-	-	-	-	-	-	42	101D
804A	18	15	112	-	-	14WF426	-	-	-	-	-	-	42	101D
804A	15	12	112	-	-	14WF426	-	-	-	-	-	-	42	101D
804A	12	9	112	-	-	14WF455	-	-	-	-	-	-	42	304R
804A	9	7	328	17	28	-	1- 5/8	13- 7/8	1- 9/16	28	-	-	42	301E
804A	7	5	328	17	28	-	3	11	3	28	-	-	36	301G
804A	5	3	328	17	28	-	3	11	3	28	-	-	36	301G
804A	3	1	328	17	28	-	3	11	3	28	-	-	36	301G
804A	1	274	326	17	28	-	1-13/16	13- 1/2	1- 3/4	28	-	-	36	301E
804A	274	242	328	17	28	-	1-15/16	13- 1/4	1- 7/8	28	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

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PROJECT THE WORLD TRADE CENTER **TITLE** CORE COLUMN SCHEDULE **DATE** 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	W1	PLATE 2 T2	W2	PLATE 3 T3	W3	FY	LOWER SPLICE DET.NO
805A	106	104	112	-	-	14WF 74	-	-	-	-	-	-	36	101H
805A	104	101	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
805A	101	98	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
805A	98	95	112	-	-	14WF111	-	-	-	-	-	-	42	101H
805A	95	92	112	-	-	14WF119	-	-	-	-	-	-	42	101H
805A	92	89	112	-	-	14WF136	-	-	-	-	-	-	42	101H
805A	89	86	112	-	-	14WF142	-	-	-	-	-	-	42	101G
805A	86	83	112	-	-	14WF150	-	-	-	-	-	-	36	101G
805A	83	80	112	-	-	14WF158	-	-	-	-	-	-	36	101G
805A	80	77	112	-	-	14WF158	-	-	-	-	-	-	36	101G
805A	77	75	112	-	-	14WF246	-	-	-	-	-	-	42	101F
805A	75	72	112	-	-	14WF202	-	-	-	-	-	-	36	101F
805A	72	69	112	-	-	14WF228	-	-	-	-	-	-	36	101F
805A	69	66	112	-	-	14WF246	-	-	-	-	-	-	36	101F
805A	66	63	112	-	-	14WF264	-	-	-	-	-	-	36	101F
805A	63	60	112	-	-	14WF287	-	-	-	-	-	-	36	101E
805A	60	57	112	-	-	14WF314	-	-	-	-	-	-	36	101E
805A	57	54	112	-	-	14WF314	-	-	-	-	-	-	36	101E
805A	54	51	112	-	-	14WF342	-	-	-	-	-	-	36	101E
805A	51	48	112	-	-	14WF342	-	-	-	-	-	-	36	101E
805A	48	45	112	-	-	14WF370	-	-	-	-	-	-	36	101D
805A	45	43	112	-	-	14WF426	-	-	-	-	-	-	36	101D
805A	43	41	112	-	-	14WF426	-	-	-	-	-	-	42	101D
805A	41	39	112	-	-	14WF426	-	-	-	-	-	-	36	101D
805A	39	36	112	-	-	14WF426	-	-	-	-	-	-	36	202B
805A	36	33	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
805A	33	30	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
805A	30	27	214	-	-	14WF426	9/16	15	-	-	-	-	36	214A
805A	27	24	214	-	-	14WF426	7/8	15	-	-	-	-	36	214A
805A	24	21	214	-	-	14WF426	1	15	-	-	-	-	36	214A
805A	21	18	214	-	-	14WF426	1- 1/8	15	-	-	-	-	36	214A
805A	18	15	214	-	-	14WF426	1- 5/16	15	-	-	-	-	36	214A
805A	15	12	214	-	-	14WF426	1- 1/2	15	-	-	-	-	36	214A
805A	12	9	214	-	-	14WF426	1-11/16	15	-	-	-	-	36	214B
805A	9	7	214	-	-	14WF426	1- 7/8	15	-	-	-	-	42	304T
805A	7	5	330	17	34	-	3- 1/8	10- 3/4	3- 1/8	34	-	-	36	301F
805A	5	3	330	17	34	-	3- 1/8	10- 3/4	3- 1/8	34	-	-	36	301F
805A	3	1	330	17	34	-	3- 1/8	10- 3/4	3- 1/8	34	-	-	36	301F
805A	1	274	330	17	34	-	2- 3/16	12- 5/8	2- 3/16	34	-	-	36	301F
805A	274	242	330	17	34	-	2- 3/8	12- 1/4	2- 3/8	34	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
806A	106	104	112	-	-	14WF111	-	-	-	-	-	-	36	101H
806A	104	101	112	-	-	14WF127	-	-	-	-	-	-	36	101H
806A	101	98	112	-	-	14WF142	-	-	-	-	-	-	36	101G
806A	98	95	112	-	-	14WF167	-	-	-	-	-	-	36	101G
806A	95	92	112	-	-	14WF184	-	-	-	-	-	-	36	101G
806A	92	89	112	-	-	14WF211	-	-	-	-	-	-	36	101F
806A	89	86	112	-	-	14WF237	-	-	-	-	-	-	36	101F
806A	86	83	112	-	-	14WF264	-	-	-	-	-	-	36	101F
806A	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	101E
806A	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101E
806A	77	75	112	-	-	14WF426	-	-	-	-	-	-	42	101D
806A	75	72	112	-	-	14WF370	-	-	-	-	-	-	36	101D
806A	72	69	112	-	-	14WF398	-	-	-	-	-	-	36	101D
806A	69	66	112	-	-	14WF426	-	-	-	-	-	-	36	101D
806A	66	63	112	-	-	14WF426	-	-	-	-	-	-	36	101D
806A	63	60	112	-	-	14WF455	-	-	-	-	-	-	36	101K
806A	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
806A	57	54	112	-	-	14WF500	-	-	-	-	-	-	36	101K
806A	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
806A	51	48	112	-	-	14WF550	-	-	-	-	-	-	36	101L
806A	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
806A	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101M
806A	43	41	112	-	-	14WF730	-	-	-	-	-	-	42	101M
806A	41	39	112	-	-	14WF665	-	-	-	-	-	-	36	101M
806A	39	36	112	-	-	14WF665	-	-	-	-	-	-	36	101M
806A	36	33	112	-	-	14WF730	-	-	-	-	-	-	36	101M
806A	33	30	112	-	-	14WF730	-	-	-	-	-	-	36	101M
806A	30	27	112	-	-	14WF730	-	-	-	-	-	-	36	202C
806A	27	24	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
806A	24	21	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
806A	21	18	215	-	-	14WF730	13/16	16	-	-	-	-	36	215A
806A	18	15	215	-	-	14WF730	1- 1/8	16	-	-	-	-	36	215B
806A	15	12	215	-	-	14WF730	1- 5/16	16	-	-	-	-	36	215B
806A	12	9	215	-	-	14WF730	1- 9/16	16	-	-	-	-	36	215C
806A	9	7	215	-	-	14WF730	1-13/16	16	-	-	-	-	42	304Q
806A	7	5	356	26	30	-	4- 3/8	17- 1/4	4- 3/8	30	-	-	36	301J
806A	5	3	356	26	30	-	4- 3/8	17- 1/4	4- 3/8	30	-	-	36	301J
806A	3	1	356	26	30	-	4- 3/8	17- 1/4	4- 3/8	30	-	-	36	301J
806A	1	274	356	26	30	-	3	20	3	30	-	-	36	301H
806A	274	242	356	26	30	-	3- 1/4	19- 1/2	3- 1/4	30	-	-	36	602A

LESLIE E. ROBERTSON
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No. 34360

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
										FOR STORY 106 SPLICE SEE DWG 3-A82-3				
807A	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
807A	104	101	112	-	-	14WF111	-	-	-	-	-	-	36	101H
807A	101	98	112	-	-	14WF136	-	-	-	-	-	-	36	101H
807A	98	95	112	-	-	14WF167	-	-	-	-	-	-	42	101G
807A	95	92	112	-	-	14WF193	-	-	-	-	-	-	42	101G
807A	92	89	112	-	-	14WF211	-	-	-	-	-	-	42	304H
807A	89	86	378	15	16	-	1- 1/4	12- 1/2	1- 1/4	16	-	-	42	301D
807A	86	83	378	15	16	-	1- 3/8	12- 1/4	1- 3/8	16	-	-	42	301D
807A	83	80	378	15	16	-	1- 1/2	12	1- 1/2	16	-	-	42	301D
807A	80	77	378	15	16	-	1- 1/2	12	1- 1/2	16	-	-	42	302F
807A	77	75	380	15	34	-	1- 3/8	12- 1/4	1- 3/8	34	-	-	36	301D
807A	75	72	380	15	34	-	1- 3/16	12- 3/4	1- 1/8	34	-	-	36	301D
807A	72	69	380	15	34	-	1- 1/4	12- 1/2	1- 1/4	34	-	-	36	301D
807A	69	66	380	15	34	-	1- 3/8	12- 3/8	1- 5/16	34	-	-	42	301D
807A	66	63	380	15	34	-	1- 3/8	12- 3/8	1- 5/16	34	-	-	36	301D
807A	63	60	380	15	34	-	1- 7/16	12- 1/8	1- 7/16	34	-	-	36	301D
807A	60	57	380	15	34	-	1- 1/2	12	1- 1/2	34	-	-	36	301D
807A	57	54	380	15	34	-	1- 5/8	11- 7/8	1- 9/16	34	-	-	36	301E
807A	54	51	380	15	34	-	1-11/16	11- 5/8	1-11/16	34	-	-	36	301E
807A	51	48	380	15	34	-	1-13/16	11- 3/8	1-13/16	34	-	-	36	301E
807A	48	45	380	15	34	-	1-15/16	11- 1/4	1- 7/8	34	-	-	36	301F
807A	45	43	380	15	34	-	2- 3/16	10- 5/8	2- 3/16	34	-	-	42	301F
807A	43	41	380	15	34	-	3- 1/8	9	3	34	-	-	36	301H
807A	41	39	380	15	34	-	2- 1/4	10- 1/2	2- 1/4	34	-	-	36	301F
807A	39	36	380	15	34	-	2- 5/16	10- 3/8	2- 5/16	34	-	-	36	301F
807A	36	33	380	15	34	-	2- 7/16	10- 1/8	2- 7/16	34	-	-	36	301G
807A	33	30	380	15	34	-	2- 1/2	10	2- 1/2	34	-	-	36	301G
807A	30	27	380	15	34	-	2- 5/8	9- 3/4	2- 5/8	34	-	-	36	301G
807A	27	24	380	15	34	-	2- 3/4	9- 5/8	2-11/16	34	-	-	36	301G
807A	24	21	380	15	34	-	2-13/16	9- 3/8	2-13/16	34	-	-	36	301G
807A	21	18	380	15	34	-	2-15/16	9- 1/8	2-15/16	34	-	-	36	301H
807A	18	15	380	15	34	-	3- 1/8	8- 3/4	3- 1/8	34	-	-	36	301H
807A	15	12	380	15	34	-	3- 1/4	8- 1/2	3- 1/4	34	-	-	36	301H
807A	12	9	380	15	34	-	3- 3/8	8- 1/2	3- 1/4	34	-	-	36	301H
807A	9	7	380	15	34	-	3- 1/2	8	3- 1/2	34	-	-	42	301J
807A	7	5	380	15	34	-	4- 7/8	5- 1/4	4- 7/8	34	-	-	36	301J
807A	5	3	380	15	34	-	4- 7/8	5- 1/4	4- 7/8	34	-	-	36	301J
807A	3	1	380	15	34	-	4- 7/8	5- 1/4	4- 7/8	34	-	-	36	301J
807A	1	274	380	15	34	-	3- 7/8	7- 1/4	3- 7/8	34	-	-	36	301J
807A	274	242	380	15	34	-	4- 1/4	6- 1/2	4- 1/4	34	-	-	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
901A	106	104	111	-	-	12WF 72	-	-	-	-	-	-	42	101B
901A	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
901A	101	98	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
901A	98	95	111	-	-	12WF120	-	-	-	-	-	-	36	101B
901A	95	92	111	-	-	12WF161	-	-	-	-	-	-	36	101B
901A	92	89	111	-	-	12WF190	-	-	-	-	-	-	36	101A
901A	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202A
901A	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
901A	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
901A	80	77	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
901A	77	75	213	-	-	12WF190	1- 7/16	14	-	-	-	-	36	104A
901A	75	72	112	-	-	14WF287	-	-	-	-	-	-	36	101E
901A	72	69	112	-	-	14WF314	-	-	-	-	-	-	36	101E
901A	69	66	112	-	-	14WF342	-	-	-	-	-	-	42	101E
901A	66	63	112	-	-	14WF342	-	-	-	-	-	-	36	101E
901A	63	60	112	-	-	14WF370	-	-	-	-	-	-	36	101D
901A	60	57	112	-	-	14WF398	-	-	-	-	-	-	36	101D
901A	57	54	112	-	-	14WF398	-	-	-	-	-	-	36	101D
901A	54	51	112	-	-	14WF426	-	-	-	-	-	-	36	101D
901A	51	48	112	-	-	14WF455	-	-	-	-	-	-	36	304M
901A	48	45	371	14	22	-	2- 1/16	9- 7/8	2- 1/16	22	-	-	36	302H
901A	45	43	375	14	43	-	1- 7/16	11- 1/8	1- 7/16	43	-	-	42	301D
901A	43	41	375	14	43	-	2	10- 1/8	1-15/16	43	-	-	36	301F
901A	41	39	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
901A	39	36	375	14	43	-	1- 9/16	10- 7/8	1- 9/16	43	-	-	36	301E
901A	36	33	375	14	43	-	1- 5/8	10- 7/8	1- 9/16	43	-	-	36	301E
901A	33	30	375	14	43	-	1-11/16	10- 3/4	1- 5/8	43	-	-	36	301E
901A	30	27	375	14	43	-	1-11/16	10- 5/8	1-11/16	43	-	-	36	301E
901A	27	24	375	14	43	-	1- 3/4	10- 1/2	1- 3/4	43	-	-	36	301E
901A	24	21	375	14	43	-	1-13/16	10- 3/8	1-13/16	43	-	-	36	301E
901A	21	18	375	14	43	-	1- 7/8	10- 1/4	1- 7/8	43	-	-	36	301E
901A	18	15	375	14	43	-	1-15/16	10- 1/4	1- 7/8	43	-	-	36	301F
901A	15	12	375	14	43	-	2	10- 1/8	1-15/16	43	-	-	36	301F
901A	12	9	375	14	43	-	2- 1/16	10	2	43	-	-	36	301F
901A	9	7	375	14	43	-	2- 1/8	9- 3/4	2- 1/8	43	-	-	42	301F
901A	7	5	375	14	43	-	4	6	4	43	-	-	36	301J
901A	5	3	375	14	43	-	4	6	4	43	-	-	36	301J
901A	3	1	375	14	43	-	4	6	4	43	-	-	36	301J
901A	1	274	375	14	43	-	2- 7/16	9- 1/8	2- 7/16	43	-	-	36	301G
901A	274	242	375	14	43	-	2- 5/8	8- 3/4	2- 5/8	43	-	-	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
902A	106	104	112	-	-	14WF 84	-	-	-	-	-	-	42	101H
902A	104	101	112	-	-	14WF 95	-	-	-	-	-	-	42	101H
902A	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
902A	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G X
902A	95	92	112	-	-	14WF184	-	-	-	-	-	-	36	101G
902A	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
902A	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
902A	86	83	112	-	-	14WF246	-	-	-	-	-	-	36	101F
902A	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	101E
902A	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101E
902A	77	75	112	-	-	14WF398	-	-	-	-	-	-	36	101D
902A	75	72	112	-	-	14WF342	-	-	-	-	-	-	36	101E
902A	72	69	112	-	-	14WF342	-	-	-	-	-	-	36	101E
902A	69	66	112	-	-	14WF398	-	-	-	-	-	-	36	101D
902A	66	63	112	-	-	14WF370	-	-	-	-	-	-	36	101D
902A	63	60	112	-	-	14WF398	-	-	-	-	-	-	36	101D
902A	60	57	112	-	-	14WF426	-	-	-	-	-	-	36	101D
902A	57	54	112	-	-	14WF455	-	-	-	-	-	-	36	101K
902A	54	51	112	-	-	14WF455	-	-	-	-	-	-	36	101K
902A	51	48	112	-	-	14WF500	-	-	-	-	-	-	36	304N
902A	48	45	321	16	21	-	2- 9/16	11	2- 1/2	21	-	-	36	302E
902A	45	43	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
902A	43	41	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
902A	41	39	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
902A	39	36	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
902A	36	33	327	16	36	-	2	12	2	36	-	-	36	301F
902A	33	30	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
902A	30	27	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
902A	27	24	327	16	36	-	2- 3/16	11- 5/8	2- 3/16	36	-	-	36	301F
902A	24	21	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
902A	21	18	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
902A	18	15	327	16	36	-	2- 7/16	11- 1/4	2- 3/8	36	-	-	36	301G
902A	15	12	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
902A	12	9	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
902A	9	7	327	16	36	-	2- 5/8	10- 3/4	2- 5/8	36	-	-	36	301G
902A	7	5	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
902A	5	3	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
902A	3	1	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
902A	1	274	327	16	36	-	2-15/16	10- 1/8	2-15/16	36	-	-	36	301H
902A	274	242	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

	UPR	LWR					PLATE 1		PLATE 2		PLATE 3			LOWER
COL.NO	SPL STR	SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
903A	106	104	112	-	-	14WF119	-	-	-	-	-	-	36	101H
903A	104	101	112	-	-	14WF136	-	-	-	-	-	-	36	101H
903A	101	98	112	-	-	14WF167	-	-	-	-	-	-	36	101G
903A	98	95	112	-	-	14WF193	-	-	-	-	-	-	36	101G
903A	95	92	112	-	-	14WF211	-	-	-	-	-	-	36	103D
903A	92	89	112	-	-	14WF237	-	-	-	-	-	-	36	103D
903A	89	86	112	-	-	14WF264	-	-	-	-	-	-	36	103E
903A	86	83	112	-	-	14WF287	-	-	-	-	-	-	36	103E
903A	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	304P
903A	80	77	321	16	21	-	1- 3/16	13- 5/8	1- 3/16	21	-	-	36	303D
903A	77	75	322	16	24	-	1-11/16	12- 5/8	1-11/16	24	-	-	36	303E
903A	75	72	323	16	27	-	1- 1/4	13- 5/8	1- 3/16	27	-	-	36	303D
903A	72	69	324	16	30	-	1- 1/4	13- 1/2	1- 1/4	30	-	-	36	303D
903A	69	66	325	16	33	-	1- 1/4	13- 1/2	1- 1/4	33	-	-	36	303D
903A	66	63	327	16	36	-	1- 3/16	13- 3/4	1- 1/8	36	-	-	36	301D
903A	63	60	327	16	36	-	1- 1/4	13- 1/2	1- 1/4	36	-	-	36	301D
903A	60	57	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
903A	57	54	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
903A	54	51	327	16	36	-	1- 7/16	13- 1/8	1- 7/16	36	-	-	36	301D
903A	51	48	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
903A	48	45	327	16	36	-	1- 5/8	12- 3/4	1- 5/8	36	-	-	36	301E
903A	45	43	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
903A	43	41	327	16	36	-	2- 9/16	11	2- 1/2	36	-	-	36	301G
903A	41	39	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
903A	39	36	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
903A	36	33	327	16	36	-	2	12- 1/8	1-15/16	36	-	-	36	301F
903A	33	30	327	16	36	-	2- 1/16	12	2	36	-	-	36	301F
903A	30	27	327	16	36	-	2- 1/8	11- 7/8	2- 1/16	36	-	-	36	301F
903A	27	24	327	16	36	-	2- 3/16	11- 3/4	2- 1/8	36	-	-	36	301F
903A	24	21	327	16	36	-	2- 1/4	11- 5/8	2- 3/16	36	-	-	36	301F
903A	21	18	327	16	36	-	2- 5/16	11- 1/2	2- 1/4	36	-	-	36	301F
903A	18	15	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
903A	15	12	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
903A	12	9	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
903A	9	7	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
903A	7	5	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
903A	5	3	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
903A	3	1	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
903A	1	274	327	16	36	-	2- 7/8	10- 1/4	2- 7/8	36	-	-	36	301H
903A	274	242	327	16	36	-	3- 1/8	10	3	36	-	-	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
904A	106	104	111	-	-	12WF 45	-	-	-	-	-	-	36	101C
904A	104	101	111	-	-	12WF 58	-	-	-	-	-	-	36	101B
904A	101	98	111	-	-	12WF 79	-	-	-	-	-	-	36	101B
904A	98	95	111	-	-	12WF 92	-	-	-	-	-	-	36	101B X
904A	95	92	111	-	-	12WF120	-	-	-	-	-	-	36	101B
904A	92	89	111	-	-	12WF133	-	-	-	-	-	-	36	101B
904A	89	86	111	-	-	12WF161	-	-	-	-	-	-	36	101A
904A	86	83	111	-	-	12WF161	-	-	-	-	-	-	36	101A
904A	83	80	111	-	-	12WF190	-	-	-	-	-	-	36	101A
904A	80	77	111	-	-	12WF190	-	-	-	-	-	-	36	304K
904A	77	75	372	14	30	-	7/8	12- 1/4	7/8	30	-	-	36	301C
904A	75	72	372	14	30	-	11/16	12- 5/8	11/16	30	-	-	36	301A
904A	72	69	372	14	30	-	3/4	12- 1/2	3/4	30	-	-	36	301B
904A	69	66	372	14	30	-	13/16	12- 3/8	13/16	30	-	-	36	301B
904A	66	63	372	14	30	-	13/16	12- 3/8	13/16	30	-	-	36	301B
904A	63	60	372	14	30	-	7/8	12- 1/4	7/8	30	-	-	36	302C
904A	60	57	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301B
904A	57	54	373	14	36	-	7/8	12- 3/8	13/16	36	-	-	36	301C
904A	54	51	373	14	36	-	7/8	12- 1/4	7/8	36	-	-	36	301C
904A	51	48	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
904A	48	45	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
904A	45	43	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	42	301D
904A	43	41	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
904A	41	39	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
904A	39	36	373	14	36	-	1- 1/4	11- 5/8	1- 3/16	36	-	-	36	301D
904A	36	33	373	14	36	-	1- 1/4	11- 1/2	1- 1/4	36	-	-	36	301D
904A	33	30	373	14	36	-	1- 5/16	11- 3/8	1- 5/16	36	-	-	36	301D
904A	30	27	373	14	36	-	1- 3/8	11- 1/4	1- 3/8	36	-	-	36	301D
904A	27	24	373	14	36	-	1- 7/16	11- 1/4	1- 3/8	36	-	-	36	301D
904A	24	21	373	14	36	-	1- 7/16	11- 1/8	1- 7/16	36	-	-	36	301D
904A	21	18	373	14	36	-	1- 1/2	11	1- 1/2	36	-	-	36	301D
904A	18	15	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
904A	15	12	373	14	36	-	1- 5/8	10- 7/8	1- 9/16	36	-	-	36	301E
904A	12	9	373	14	36	-	1-11/16	10- 3/4	1- 5/8	36	-	-	36	301E
904A	9	7	373	14	36	-	1-11/16	10- 5/8	1-11/16	36	-	-	36	301E
904A	7	5	373	14	36	-	2- 7/8	8- 1/4	2- 7/8	36	-	-	36	301H
904A	5	3	373	14	36	-	2- 7/8	8- 1/4	2- 7/8	36	-	-	36	301H
904A	3	1	373	14	36	-	2- 7/8	8- 1/4	2- 7/8	36	-	-	36	301H
904A	1	274	373	14	36	-	1- 7/8	10- 1/4	1- 7/8	36	-	-	36	301E
904A	274	242	373	14	36	-	2	10	2	36	-	-	36	602A

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

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DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3.

	UPR	LWR					PLATE 1		PLATE 2		PLATE 3			LOWER
COL.NO	SPL STR	SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	SPLICE DET.NO
905A	106	104	111	-	-	12WF 53	-	-	-	-	-	-	42	101B
905A	104	101	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
905A	101	98	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
905A	98	95	111	-	-	12WF 99	-	-	-	-	-	-	36	101B
905A	95	92	111	-	-	12WF120	-	-	-	-	-	-	36	101B
905A	92	89	111	-	-	12WF133	-	-	-	-	-	-	36	101B
905A	89	86	111	-	-	12WF161	-	-	-	-	-	-	36	304H
905A	86	83	370	14	14	-	15/16	12- 1/4	7/8	14	-	-	42	301C
905A	83	80	370	14	14	-	1	12	1	14	-	-	42	301C
905A	80	77	370	14	14	-	1	12	1	14	-	-	42	301D
905A	77	75	370	14	14	-	1-11/16	10- 3/4	1- 5/8	14	-	-	42	302D
905A	75	72	371	14	22	-	1	12	1	22	-	-	42	301C
905A	72	69	371	14	22	-	1- 1/16	11- 7/8	1- 1/16	22	-	-	42	301C
905A	69	66	371	14	22	-	1- 3/16	11- 3/4	1- 1/8	22	-	-	42	301D
905A	66	63	371	14	22	-	1- 3/16	11- 3/4	1- 1/8	22	-	-	42	301D
905A	63	60	371	14	22	-	1- 1/4	11- 1/2	1- 1/4	22	-	-	42	301D
905A	60	57	371	14	22	-	1- 5/16	11- 3/8	1- 5/16	22	-	-	42	301D
905A	57	54	371	14	22	-	1- 3/8	11- 1/4	1- 3/8	22	-	-	42	301D
905A	54	51	371	14	22	-	1- 7/16	11- 1/8	1- 7/16	22	-	-	42	301D
905A	51	48	371	14	22	-	1- 9/16	11	1- 1/2	22	-	-	42	301E
905A	48	45	371	14	22	-	1- 5/8	10- 3/4	1- 5/8	22	-	-	42	301E
905A	45	43	371	14	22	-	1-13/16	10- 3/8	1-13/16	22	-	-	42	301E
905A	43	41	371	14	22	-	2- 9/16	9	2- 1/2	22	-	-	42	301G
905A	41	39	371	14	22	-	1- 7/8	10- 1/4	1- 7/8	22	-	-	42	301E
905A	39	36	371	14	22	-	1-15/16	10- 1/8	1-15/16	22	-	-	42	301F
905A	36	33	371	14	22	-	2- 1/16	10	2	22	-	-	42	301F
905A	33	30	371	14	22	-	2- 1/8	9- 3/4	2- 1/8	22	-	-	42	301F
905A	30	27	371	14	22	-	2- 1/4	9- 1/2	2- 1/4	22	-	-	42	301F
905A	27	24	371	14	22	-	2- 5/16	9- 3/8	2- 5/16	22	-	-	42	301F
905A	24	21	371	14	22	-	2- 3/8	9- 1/4	2- 3/8	22	-	-	42	301G
905A	21	18	371	14	22	-	2- 1/2	9- 1/8	2- 7/16	22	-	-	42	301G
905A	18	15	371	14	22	-	2- 9/16	9	2- 1/2	22	-	-	42	301G
905A	15	12	371	14	22	-	2-11/16	8- 3/4	2- 5/8	22	-	-	42	301G
905A	12	9	371	14	22	-	2- 3/4	8- 1/2	2- 3/4	22	-	-	42	301G
905A	9	7	371	14	22	-	2- 7/8	8- 1/4	2- 7/8	22	-	-	42	301H
905A	7	5	371	14	22	-	5	4	5	22	-	-	36	301L
905A	5	3	371	14	22	-	5	4	5	22	-	-	36	301L
905A	3	1	371	14	22	-	5	4	5	22	-	-	36	301L
905A	1	274	371	14	22	-	3- 3/8	7- 1/2	3- 1/4	22	-	-	36	301H
905A	274	242	371	14	22	-	3- 3/4	6- 3/4	3- 5/8	22	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
906A	106	104	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
906A	104	101	112	-	-	14WF103	-	-	-	-	-	-	36	101H
906A	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
906A	98	95	112	-	-	14WF142	-	-	-	-	-	-	36	101G
906A	95	92	112	-	-	14WF167	-	-	-	-	-	-	36	101G
906A	92	89	112	-	-	14WF184	-	-	-	-	-	-	36	101G
906A	89	86	112	-	-	14WF211	-	-	-	-	-	-	36	101F
906A	86	83	112	-	-	14WF219	-	-	-	-	-	-	36	101F
906A	83	80	112	-	-	14WF237	-	-	-	-	-	-	36	101F
906A	80	77	112	-	-	14WF237	-	-	-	-	-	-	35	101E
906A	77	75	112	-	-	14WF370	-	-	-	-	-	-	42	101D
906A	75	72	112	-	-	14WF314	-	-	-	-	-	-	36	101E
906A	72	69	112	-	-	14WF342	-	-	-	-	-	-	36	101E
906A	69	66	112	-	-	14WF370	-	-	-	-	-	-	36	101D
906A	66	63	112	-	-	14WF370	-	-	-	-	-	-	36	101D
906A	63	60	112	-	-	14WF370	-	-	-	-	-	-	36	101D
906A	60	57	112	-	-	14WF398	-	-	-	-	-	-	36	101D
906A	57	54	112	-	-	14WF426	-	-	-	-	-	-	36	101D
906A	54	51	112	-	-	14WF455	-	-	-	-	-	-	36	101K
906A	51	48	112	-	-	14WF455	-	-	-	-	-	-	36	304N
906A	48	45	321	16	21	-	2- 5/16	11- 3/8	2- 5/16	21	-	-	36	302E
906A	45	43	327	16	36	-	1- 3/4	12- 1/2	1- 3/4	36	-	-	36	301E
906A	43	41	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
906A	41	39	327	16	36	-	1- 3/4	12- 5/8	1-11/16	36	-	-	36	301E
906A	39	36	327	16	36	-	1- 3/4	12- 1/2	1- 3/4	36	-	-	36	301E
906A	36	33	327	16	36	-	1-13/16	12- 3/8	1-13/16	36	-	-	36	301E
906A	33	30	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
906A	30	27	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
906A	27	24	327	16	36	-	2	12	2	36	-	-	36	301F
906A	24	21	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
906A	21	18	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
906A	18	15	327	16	36	-	2- 1/4	11- 5/8	2- 3/16	36	-	-	36	301F
906A	15	12	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
906A	12	9	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
906A	9	7	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
906A	7	5	327	16	36	-	4- 1-8	7- 3/4	4- 1/8	36	-	-	36	301K
906A	5	3	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
906A	3	1	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
906A	1	274	327	16	36	-	2-11/16	10- 3/4	2- 5/8	36	-	-	36	301G
906A	274	242	327	16	36	-	2-13/16	10- 3/8	2-13/16	36	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
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SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
907A	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
907A	104	101	112	-	-	14WF111	-	-	-	-	-	-	36	101H
907A	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
907A	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G
907A	95	92	112	-	-	14WF176	-	-	-	-	-	-	36	101G
907A	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
907A	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
907A	86	83	112	-	-	14WF246	-	-	-	-	-	-	36	101F
907A	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	101E
907A	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101E
907A	77	75	112	-	-	14WF426	-	-	-	-	-	-	42	101D
907A	75	72	112	-	-	14WF342	-	-	-	-	-	-	36	101E
907A	72	69	112	-	-	14WF370	-	-	-	-	-	-	36	101D
907A	69	66	112	-	-	14WF398	-	-	-	-	-	-	36	101D
907A	66	63	112	-	-	14WF398	-	-	-	-	-	-	36	101D
907A	63	60	112	-	-	14WF426	-	-	-	-	-	-	36	101D
907A	60	57	112	-	-	14WF455	-	-	-	-	-	-	36	101K
907A	57	54	112	-	-	14WF500	-	-	-	-	-	-	36	101K
907A	54	51	112	-	-	14WF500	-	-	-	-	-	-	36	101K
907A	51	48	112	-	-	14WF550	-	-	-	-	-	-	36	304N
907A	48	45	321	16	21	-	2-11/16	10- 3/4	2- 5/8	21	-	-	36	302E
907A	45	43	327	16	36	-	2	12- 1/8	1-15/16	36	-	-	36	301F
907A	43	41	327	16	36	-	2-11/16	10- 3/4	2- 5/8	36	-	-	36	301G
907A	41	39	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
907A	39	36	327	16	36	-	2	12	2	36	-	-	36	301F
907A	36	33	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
907A	33	30	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
907A	30	27	327	16	36	-	2- 3/16	11- 5/8	2- 3/16	36	-	-	36	301F
907A	27	24	327	16	36	-	2- 5/16	11- 1/2	2- 1/4	36	-	-	36	301F
907A	24	21	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
907A	21	18	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
907A	18	15	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
907A	15	12	327	16	36	-	2- 5/8	10- 7/8	2- 9/16	36	-	-	36	301G
907A	12	9	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
907A	9	7	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	301G
907A	7	5	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
907A	5	3	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
907A	3	1	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
907A	1	274	327	16	36	-	3- 1/8	10	3	36	-	-	36	301H
907A	274	242	327	16	36	-	3- 1/4	9- 1/2	3- 1/4	36	-	-	36	602A

LESLIE E. ROBERTSON No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

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FOR STORY 106 SPLICE SEE DWG 3-AB2-3

	UPR SPL	LWR SPL	COL.				PLATE 1		PLATE 2		PLATE 3			LOWER SPLICE
COL.NO	STR	STR	TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	DET.NO
908A	106	104	111	-	-	12WF 72	-	-	-	-	-	-	42	101B
908A	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
908A	101	98	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
908A	98	95	111	-	-	12WF120	-	-	-	-	-	-	36	101B
908A	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B
908A	92	89	111	-	-	12WF161	-	-	-	-	-	-	36	101A
908A	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202A
908A	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
908A	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
908A	80	77	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
908A	77	75	213	-	-	12WF190	1- 1/4	14	-	-	-	-	36	104A
908A	75	72	112	-	-	14WF264	-	-	-	-	-	-	36	101F
908A	72	69	112	-	-	14WF287	-	-	-	-	-	-	36	101E
908A	69	66	112	-	-	14WF314	-	-	-	-	-	-	42	101E
908A	66	63	112	-	-	14WF314	-	-	-	-	-	-	36	101E
908A	63	60	112	-	-	14WF342	-	-	-	-	-	-	36	101E
908A	60	57	112	-	-	14WF370	-	-	-	-	-	-	36	101D
908A	57	54	112	-	-	14WF398	-	-	-	-	-	-	36	101D
908A	54	51	112	-	-	14WF398	-	-	-	-	-	-	36	101D
908A	51	48	112	-	-	14WF426	-	-	-	-	-	-	36	304M
908A	48	45	371	14	22	-	2- 1/16	9- 7/8	2- 1/16	22	-	-	36	302H
908A	45	43	375	14	43	-	1- 3/8	11- 1/4	1- 3/8	43	-	-	42	301D
908A	43	41	375	14	43	-	1-15/16	10- 1/4	1- 7/8	43	-	-	36	301F
908A	41	39	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
908A	39	36	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
908A	36	33	375	14	43	-	1- 9/16	10- 7/8	1- 9/16	43	-	-	36	301E
908A	33	30	375	14	43	-	1- 5/8	10- 3/4	1- 5/8	43	-	-	36	301E
908A	30	27	375	14	43	-	1-11/16	10- 5/8	1-11/16	43	-	-	36	301E
908A	27	24	375	14	43	-	1- 3/4	10- 1/2	1- 3/4	43	-	-	36	301E
908A	24	21	375	14	43	-	1-13/16	10- 3/8	1-13/16	43	-	-	36	301E
908A	21	18	375	14	43	-	1- 7/8	10- 3/8	1-13/16	43	-	-	36	301E
908A	18	15	375	14	43	-	1-15/16	10- 1/4	1- 7/8	43	-	-	36	301F
908A	15	12	375	14	43	-	1-15/16	10- 1/8	1-15/16	43	-	-	36	301F
908A	12	9	375	14	43	-	2	10	2	43	-	-	36	301F
908A	9	7	375	14	43	-	2- 1/8	9- 7/8	2- 1/16	43	-	-	42	301F
908A	7	5	375	14	43	-	4	6	4	43	-	-	36	301J
908A	5	3	375	14	43	-	4	6	4	43	-	-	36	301J
908A	3	1	375	14	43	-	4	6	4	43	-	-	36	301J
908A	1	274	375	14	43	-	2- 7/16	9- 1/4	2- 3/8	43	-	-	36	301G
908A	274	242	375	14	43	-	2- 5/8	8- 3/4	2- 5/8	43	-	-	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
1001A	106	104	112	-	-	14WF237	-	-	-	-	-	-	36	101F
1001A	104	101	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1001A	101	98	112	-	-	14WF370	-	-	-	-	-	-	36	101D
1001A	98	95	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1001A	95	92	112	-	-	14WF550	-	-	-	-	-	-	42	101L
1001A	92	89	112	-	-	14WF605	-	-	-	-	-	-	42	101L
1001A	89	86	112	-	-	14WF665	-	-	-	-	-	-	36	103K
1001A	86	83	112	-	-	14WF730	-	-	-	-	-	-	36	103L
1001A	83	80	112	-	-	14WF730	-	-	-	-	-	-	36	304B
1001A	80	77	344	22	22	-	3	16- 1/8	2-15/16	22	-	-	36	302M
1001A	77	75	346	22	28	-	4- 1/4	13- 1/2	4- 1/4	28	-	-	36	302L
1001A	75	72	348	22	34	-	2- 7/8	16- 1/4	2- 7/8	34	-	-	36	302A
1001A	72	69	350	22	40	-	2- 3/4	16- 1/2	2- 3/4	40	-	-	36	302A
1001A	69	66	352	22	46	-	2- 3/4	16- 1/2	2- 3/4	46	-	-	36	302A
1001A	66	63	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
1001A	63	60	354	22	52	-	2- 5/8	16- 7/8	2- 9/16	52	-	-	36	301G
1001A	60	57	354	22	52	-	2- 3/4	16- 1/2	2- 3/4	52	-	-	36	301G
1001A	57	54	354	22	52	-	2- 7/8	16- 1/4	2- 7/8	52	-	-	36	301H
1001A	54	51	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1001A	51	48	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1001A	48	45	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1001A	45	43	354	22	52	-	4	14	4	52	-	-	36	301J
1001A	43	41	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1001A	41	39	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1001A	39	36	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1001A	36	33	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
1001A	33	30	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
1001A	30	27	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
1001A	27	24	354	22	52	-	5	12	5	52	-	-	36	301L
1001A	24	21	354	22	52	-	5- 1/4	11- 1/2	5- 1/4	52	-	-	36	301M
1001A	21	18	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1001A	18	15	354	22	52	-	5- 3/4	10- 1/2	5- 3/4	52	-	-	36	301M
1001A	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
1001A	12	9	354	22	52	-	6- 3/4	10	6	52	-	-	36	402D
1001A	9	7	463	22	52	-	5	12	5	52	3- 5/8	39	36	502A
1001A	7	5	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1001A	5	3	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1001A	3	1	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1001A	1	274	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1001A	274	242	567	22	52	-	5	12	5	52	3- 1/8	39	36	601A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

	UPR	LWR					PLATE 1		PLATE 2		PLATE 3			LOWER
	SPL	SPL	COL.											SPLICE
COL.NO	STR	STR	TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	DET.NO
1002A	106	104	112	-	-	14WF136	-	-	-	-	-	-	36	101H
1002A	104	101	112	-	-	14WF167	-	-	-	-	-	-	36	101G
1002A	101	98	112	-	-	14WF219	-	-	-	-	-	-	36	101F
1002A	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F
1002A	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
1002A	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
1002A	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1002A	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	101K
1002A	83	80	112	-	-	14WF500	-	-	-	-	-	-	36	101K
1002A	80	77	112	-	-	14WF500	-	-	-	-	-	-	36	304E
1002A	77	75	343	22	23	-	2- 3/4	16- 1/2	2- 3/4	23	-	-	36	301G
1002A	75	72	343	22	23	-	2- 5/16	17- 3/8	2- 5/16	23	-	-	36	303F
1002A	72	69	345	22	25	-	2- 3/8	17- 1/4	2- 3/8	25	-	-	36	303G
1002A	69	66	346	22	28	-	2- 7/16	17- 1/8	2- 7/16	28	-	-	36	303G
1002A	66	63	347	22	31	-	2- 1/4	17- 1/2	2- 1/4	31	-	-	36	303F
1002A	63	60	348	22	34	-	2- 1/4	17- 1/2	2- 1/4	34	-	-	36	303F
1002A	60	57	349	22	37	-	2- 1/4	17- 1/2	2- 1/4	37	-	-	36	303F
1002A	57	54	350	22	40	-	2- 1/4	17- 1/2	2- 1/4	40	-	-	36	303F
1002A	54	51	351	22	43	-	2- 1/4	17- 1/2	2- 1/4	43	-	-	36	303F
1002A	51	48	352	22	46	-	2- 1/4	17- 1/2	2- 1/4	46	-	-	36	303F
1002A	48	45	353	22	49	-	2- 5/16	17- 3/8	2- 5/16	49	-	-	36	303F
1002A	45	43	354	22	52	-	2- 9/16	17	2- 1/2	52	-	-	36	301G
1002A	43	41	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1002A	41	39	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
1002A	39	36	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
1002A	36	33	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
1002A	33	30	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
1002A	30	27	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1002A	27	24	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1002A	24	21	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
1002A	21	18	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1002A	18	15	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
1002A	15	12	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
1002A	12	9	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
1002A	9	7	354	22	52	-	4- 1/8	14	4	52	-	-	36	301K
1002A	7	5	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
1002A	5	3	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
1002A	3	1	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
1002A	1	274	354	22	52	-	4- 1/2	13	4- 1/2	52	-	-	36	301K
1002A	274	242	354	22	52	-	4- 3/4	12- 3/4	4- 5/8	52	-	-	36	602A

LESLIE E. ROBERTSON
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FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
1003A	106	104	112	-	-	14WF193	-	-	-	-	-	-	36	101G
1003A	104	101	112	-	-	14WF228	-	-	-	-	-	-	36	101F
1003A	101	98	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1003A	98	95	112	-	-	14WF342	-	-	-	-	-	-	36	101E
1003A	95	92	112	-	-	14WF398	-	-	-	-	-	-	42	101D
1003A	92	89	112	-	-	14WF455	-	-	-	-	-	-	42	101K
1003A	89	86	112	-	-	14WF550	-	-	-	-	-	-	42	103J
1003A	86	83	112	-	-	14WF605	-	-	-	-	-	-	36	103K
1003A	83	80	112	-	-	14WF665	-	-	-	-	-	-	36	103K
1003A	80	77	112	-	-	14WF665	-	-	-	-	-	-	42	304E
1003A	77	75	343	22	23	-	3- 1/2	15	3- 1/2	23	-	-	36	301J
1003A	75	72	343	22	23	-	2- 7/8	16- 1/4	2- 7/8	23	-	-	36	303H
1003A	72	69	345	22	25	-	2-15/16	16- 1/8	2-15/16	25	-	-	36	303H
1003A	69	66	346	22	28	-	2- 7/8	16- 1/4	2- 7/8	28	-	-	36	303H
1003A	66	63	347	22	31	-	2-13/16	16- 1/2	2- 3/4	31	-	-	36	303G
1003A	63	60	348	22	34	-	2-13/16	16- 1/2	2- 3/4	34	-	-	36	303G
1003A	60	57	349	22	37	-	2-13/16	16- 3/8	2-13/16	37	-	-	36	303G
1003A	57	54	350	22	40	-	2-13/16	16- 3/8	2-13/16	40	-	-	36	303G
1003A	54	51	351	22	43	-	2-13/16	16- 3/8	2-13/16	43	-	-	36	303G
1003A	51	48	352	22	46	-	2-13/16	16- 3/8	2-13/16	46	-	-	36	303G
1003A	48	45	353	22	49	-	2- 7/8	16- 1/4	2- 7/8	49	-	-	36	303H
1003A	45	43	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1003A	43	41	354	22	52	-	4- 3/8	13- 1/2	4- 1/4	52	-	-	36	301K
1003A	41	39	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1003A	39	36	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
1003A	36	33	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
1003A	33	30	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
1003A	30	27	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
1003A	27	24	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
1003A	24	21	354	22	52	-	4	14	4	52	-	-	36	301J
1003A	21	18	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1003A	18	15	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1003A	15	12	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
1003A	12	9	354	22	52	-	4- 1/2	13	4- 1/2	52	-	-	36	301K
1003A	9	7	354	22	52	-	4- 3/4	12- 3/4	4- 5/8	52	-	-	36	403B
1003A	7	5	463	22	52	-	5	12	5	52	1- 1/4	39	36	401B
1003A	5	3	463	22	52	-	5	12	5	52	1- 1/4	39	36	401B
1003A	3	1	463	22	52	-	5	12	5	52	1- 1/4	39	36	401B
1003A	1	274	463	22	52	-	5	12	5	52	15/16	39	36	401B
1003A	274	242	463	22	52	-	5	12	5	52	15/16	39	36	602A

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PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
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REVISIONS

	UPR SPL	LWR SPL	COL.				PLATE 1		PLATE 2		PLATE 3			LOWER SPLICE
COL.NO	STR	STR	TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
1004A	106	104	112	-	-	14WF136	-	-	-	-	-	-	36	101H
1004A	104	101	112	-	-	14WF158	-	-	-	-	-	-	36	101G
1004A	101	98	112	-	-	14WF193	-	-	-	-	-	-	36	101G
1004A	98	95	112	-	-	14WF219	-	-	-	-	-	-	36	101F
1004A	95	92	112	-	-	14WF264	-	-	-	-	-	-	36	101F
1004A	92	89	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1004A	89	86	112	-	-	14WF342	-	-	-	-	-	-	36	304D
1004A	86	83	333	18	25	-	1- 1/4	15- 1/2	1- 1/4	25	-	-	36	303D
1004A	83	80	334	18	28	-	1- 5/16	15- 1/2	1- 1/4	28	-	-	36	303D
1004A	80	77	335	18	31	-	1- 3/16	15- 5/8	1- 3/16	31	-	-	36	303D
1004A	77	75	336	18	34	-	1-11/16	14- 5/8	1-11/16	34	-	-	36	303E
1004A	75	72	337	18	37	-	1- 5/16	15- 1/2	1- 1/4	37	-	-	36	303D
1004A	72	69	338	18	40	-	1- 5/16	15- 3/8	1- 5/16	40	-	-	36	303D
1004A	69	66	339	18	43	-	1- 3/8	15- 3/8	1- 5/16	43	-	-	36	303D
1004A	66	63	340	18	46	-	1- 1/4	15- 1/2	1- 1/4	46	-	-	36	303D
1004A	63	60	341	18	49	-	1- 1/4	15- 1/2	1- 1/4	49	-	-	36	303D
1004A	60	57	342	18	52	-	1- 5/16	15- 1/2	1- 1/4	52	-	-	36	301D
1004A	57	54	342	18	52	-	1- 3/8	15- 3/8	1- 5/16	52	-	-	36	301D
1004A	54	51	342	18	52	-	1- 7/16	15- 1/4	1- 3/8	52	-	-	36	301D
1004A	51	48	342	18	52	-	1- 1/2	15	1- 1/2	52	-	-	36	301D
1004A	48	45	342	18	52	-	1- 9/16	14- 7/8	1- 9/16	52	-	-	36	301E
1004A	45	43	342	18	52	-	1- 3/4	14- 1/2	1- 3/4	52	-	-	36	301E
1004A	43	41	342	18	52	-	2- 3/8	13- 1/4	2- 3/8	52	-	-	36	301G
1004A	41	39	342	18	52	-	1- 7/8	14- 1/4	1- 7/8	52	-	-	36	301E
1004A	39	36	342	18	52	-	1- 7/8	14- 1/4	1- 7/8	52	-	-	36	301E
1004A	36	33	342	18	52	-	2	14	2	52	-	-	36	301F
1004A	33	30	342	18	52	-	2- 1/16	13- 7/8	2- 1/16	52	-	-	36	301F
1004A	30	27	342	18	52	-	2- 1/8	13- 3/4	2- 1/8	52	-	-	36	301F
1004A	27	24	342	18	52	-	2- 1/4	13- 5/8	2- 3/16	52	-	-	36	301F
1004A	24	21	342	18	52	-	2- 5/16	13- 3/8	2- 5/16	52	-	-	36	301F
1004A	21	18	342	18	52	-	2- 3/8	13- 1/4	2- 3/8	52	-	-	36	301G
1004A	18	15	342	18	52	-	2- 1/2	13- 1/8	2- 7/16	52	-	-	36	301G
1004A	15	12	342	18	52	-	2- 9/16	12- 7/8	2- 9/16	52	-	-	36	301G
1004A	12	9	342	18	52	-	2- 5/8	12- 3/4	2- 5/8	52	-	-	36	301G
1004A	9	7	342	18	52	-	2- 3/4	12- 1/2	2- 3/4	52	-	-	36	301G
1004A	7	5	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
1004A	5	3	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
1004A	3	1	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
1004A	1	274	342	18	52	-	3- 1/8	11- 3/4	3- 1/8	52	-	-	36	301H
1004A	274	242	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	602A

FOR STORY 106 SPLICE SEE DWG 3-A82-3

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COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
1005A	106	104	112	-	-	14WF127	-	-	-	-	-	-	36	101H
1005A	104	101	112	-	-	14WF150	-	-	-	-	-	-	36	101G
1005A	101	98	112	-	-	14WF176	-	-	-	-	-	-	36	101G
1005A	98	95	112	-	-	14WF202	-	-	-	-	-	-	36	101F
1005A	95	92	112	-	-	14WF237	-	-	-	-	-	-	36	101F X
1005A	92	89	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1005A	89	36	112	-	-	14WF314	-	-	-	-	-	-	36	304D
1005A	86	83	344	22	22	-	1- 3/16	19- 3/4	1- 1/8	22	-	-	36	303D
1005A	83	80	345	22	25	-	1- 3/16	19- 5/8	1- 3/16	25	-	-	36	303D
1005A	80	77	346	22	28	-	1- 1/16	19- 7/8	1- 1/16	28	-	-	36	303D
1005A	77	75	347	22	31	-	1- 9/16	18- 7/8	1- 9/16	31	-	-	36	303E
1005A	75	72	348	22	34	-	1- 1/4	19- 5/8	1- 3/16	34	-	-	36	303D
1005A	72	69	349	22	37	-	1- 1/4	19- 1/2	1- 1/4	37	-	-	36	303D
1005A	69	66	350	22	40	-	1- 5/16	19- 1/2	1- 1/4	40	-	-	36	303D
1005A	66	63	351	22	43	-	1- 3/16	19- 5/8	1- 3/16	43	-	-	36	303D
1005A	63	60	352	22	46	-	1- 3/16	19- 5/8	1- 3/16	46	-	-	36	303D
1005A	60	57	353	22	49	-	1- 1/4	19- 5/8	1- 3/16	49	-	-	36	303D
1005A	57	54	354	22	52	-	1- 1/4	19- 5/8	1- 3/16	52	-	-	36	301D
1005A	54	51	354	22	52	-	1- 5/16	19- 1/2	1- 1/4	52	-	-	36	301D
1005A	51	48	354	22	52	-	1- 3/8	19- 3/8	1- 5/16	52	-	-	36	301D
1005A	48	45	354	22	52	-	1- 7/16	19- 1/8	1- 7/16	52	-	-	36	301D
1005A	45	43	354	22	52	-	1- 5/8	18- 7/8	1- 9/16	52	-	-	36	301E
1005A	43	41	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
1005A	41	39	354	22	52	-	1-13/16	18- 1/2	1- 3/4	52	-	-	36	301E
1005A	39	36	354	22	52	-	1-13/16	18- 3/8	1-13/16	52	-	-	36	301E
1005A	36	33	354	22	52	-	1-15/16	18- 1/4	1- 7/8	52	-	-	36	301F
1005A	33	30	354	22	52	-	2	18	2	52	-	-	36	301F
1005A	30	27	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
1005A	27	24	354	22	52	-	2- 1/8	17- 3/4	2- 1/8	52	-	-	36	301F
1005A	24	21	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
1005A	21	18	354	22	52	-	2- 5/16	17- 1/2	2- 1/4	52	-	-	36	301F
1005A	18	15	354	22	52	-	2- 3/8	17- 1/4	2- 3/8	52	-	-	36	301G
1005A	15	12	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
1005A	12	9	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
1005A	9	7	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
1005A	7	5	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1005A	5	3	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1005A	3	1	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1005A	1	274	354	22	52	-	2- 7/8	16- 1/4	2- 7/8	52	-	-	36	301H
1005A	274	242	354	22	52	-	3	16	3	52	-	-	36	602A

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COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
								FOR STORY 106 SPLICE SEE DWG 3-AB2-3						
1006A	106	104	112	-	-	14WF142	-	-	-	-	-	-	36	101G
1006A	104	101	112	-	-	14WF184	-	-	-	-	-	-	36	101G
1006A	101	98	112	-	-	14WF237	-	-	-	-	-	-	36	101F
1006A	98	95	112	-	-	14WF314	-	-	-	-	-	-	42	101E
1006A	95	92	112	-	-	14WF370	-	-	-	-	-	-	42	101D
1006A	92	69	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1006A	89	86	112	-	-	14WF500	-	-	-	-	-	-	42	101K
1006A	86	83	112	-	-	14WF550	-	-	-	-	-	-	36	103J
1006A	83	80	112	-	-	14WF605	-	-	-	-	-	-	36	103K
1006A	80	77	112	-	-	14WF605	-	-	-	-	-	-	36	304E
1006A	77	75	343	22	23	-	3- 1/4	15- 1/2	3- 1/4	23	-	-	36	301H
1006A	75	72	343	22	23	-	2- 5/8	16- 3/4	2- 5/8	23	-	-	36	303G
1006A	72	69	345	22	25	-	2- 3/4	16- 5/8	2-11/16	25	-	-	36	303G
1006A	69	66	346	22	28	-	2-13/16	16- 3/8	2-13/16	28	-	-	36	303G
1006A	66	63	347	22	31	-	2- 5/8	16- 7/8	2- 9/16	31	-	-	36	303G
1006A	63	60	348	22	34	-	2- 5/8	16- 3/4	2- 5/8	34	-	-	36	303G
1006A	60	57	349	22	37	-	2- 5/8	16- 3/4	2- 5/8	37	-	-	36	303G
1006A	57	54	350	22	40	-	2- 5/8	16- 3/4	2- 5/8	40	-	-	36	303G
1006A	54	51	351	22	43	-	2- 5/8	16- 3/4	2- 5/8	43	-	-	36	303G
1006A	51	48	352	22	46	-	2-11/16	16- 3/4	2- 5/8	46	-	-	36	303G
1006A	48	45	353	22	49	-	2- 3/4	16- 1/2	2- 3/4	49	-	-	36	303G
1006A	45	43	354	22	52	-	3	16	3	52	-	-	36	301H
1006A	43	41	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1006A	41	39	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1006A	39	36	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
1006A	36	33	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
1006A	33	30	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
1006A	30	27	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
1006A	27	24	354	22	52	-	3- 3/4	14- 3/4	3- 5/8	52	-	-	36	301J
1006A	24	21	354	22	52	-	3- 7/8	14- 1/2	3- 3/4	52	-	-	36	301J
1006A	21	18	354	22	52	-	4	14- 1/4	3- 7/8	52	-	-	36	301J
1006A	18	15	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1006A	15	12	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1006A	12	9	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
1006A	9	7	354	22	52	-	4- 1/2	13	4- 1/2	52	-	-	36	403B
1006A	7	5	463	22	52	-	5	12	5	52	15/16	39	36	401B
1006A	5	3	463	22	52	-	5	12	5	52	15/16	39	36	401B
1006A	3	1	463	22	52	-	5	12	5	52	15/16	39	36	401B
1006A	1	274	463	22	52	-	5	12- 1/2	4- 3/4	52	15/16	39	36	401B
1006A	274	242	463	22	52	-	5	12- 1/2	4- 3/4	52	15/16	39	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
1007A	106	104	112	-	-	14WF150	-	-	-	-	-	-	36	101G
1007A	104	101	112	-	-	14WF176	-	-	-	-	-	-	36	101G
1007A	101	98	112	-	-	14WF228	-	-	-	-	-	-	36	101F
1007A	98	95	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1007A	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
1007A	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
1007A	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1007A	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	101K
1007A	83	80	112	-	-	14WF500	-	-	-	-	-	-	36	101K
1007A	80	77	112	-	-	14WF500	-	-	-	-	-	-	36	304E
1007A	77	75	343	22	23	-	2-13/16	16- 1/2	2- 3/4	23	-	-	36	301G
1007A	75	72	343	22	23	-	2- 5/16	17- 3/8	2- 5/16	23	-	-	36	303F
1007A	72	69	345	22	25	-	2- 3/8	17- 1/4	2- 3/8	25	-	-	36	303G
1007A	69	66	346	22	28	-	2- 7/16	17- 1/8	2- 7/16	28	-	-	36	303G
1007A	66	63	347	22	31	-	2- 1/4	17- 1/2	2- 1/4	31	-	-	36	303F
1007A	63	60	348	22	34	-	2- 5/16	17- 1/2	2- 1/4	34	-	-	36	303F
1007A	60	57	349	22	37	-	2- 5/16	17- 1/2	2- 1/4	37	-	-	36	303F
1007A	57	54	350	22	40	-	2- 5/16	17- 1/2	2- 1/4	40	-	-	36	303F
1007A	54	51	351	22	43	-	2- 5/16	17- 1/2	2- 1/4	43	-	-	36	303F
1007A	51	48	352	22	46	-	2- 5/16	17- 1/2	2- 1/4	46	-	-	36	303F
1007A	48	45	353	22	49	-	2- 7/16	17- 1/4	2- 3/8	49	-	-	36	303G
1007A	45	43	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
1007A	43	41	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
1007A	41	39	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
1007A	39	36	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
1007A	36	33	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
1007A	33	30	354	22	52	-	3- 1/8	16	3	52	-	-	36	301H
1007A	30	27	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1007A	27	24	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
1007A	24	21	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1007A	21	18	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
1007A	18	15	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
1007A	15	12	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
1007A	12	9	354	22	52	-	4	14	4	52	-	-	36	301J
1007A	9	7	354	22	52	-	4- 1/4	13- 3/4	4- 1/8	52	-	-	36	301K
1007A	7	5	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
1007A	5	3	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
1007A	3	1	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
1007A	1	274	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
1007A	274	242	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
1008A	106	104	112	-	-	14WF237	-	-	-	-	-	-	36	101F
1008A	104	101	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1008A	101	98	112	-	-	14WF370	-	-	-	-	-	-	36	101D
1008A	98	95	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1008A	95	92	112	-	-	14WF550	-	-	-	-	-	-	42	101L X
1008A	92	89	112	-	-	14WF605	-	-	-	-	-	-	42	101L
1008A	89	86	112	-	-	14WF665	-	-	-	-	-	-	36	103K
1008A	86	83	112	-	-	14WF730	-	-	-	-	-	-	36	103L
1008A	83	80	112	-	-	14WF730	-	-	-	-	-	-	36	304B
1008A	80	77	344	22	22	-	3	16- 1/8	2-15/16	22	-	-	36	302M
1008A	77	75	346	22	28	-	4- 1/4	13- 1/2	4- 1/4	28	-	-	36	302L
1008A	75	72	348	22	34	-	2- 7/8	16- 1/4	2- 7/8	34	-	-	36	302A
1008A	72	69	350	22	40	-	2- 3/4	16- 1/2	2- 3/4	40	-	-	36	302A
1008A	69	66	352	22	46	-	2- 3/4	16- 1/2	2- 3/4	46	-	-	36	302A
1008A	66	63	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
1008A	63	60	354	22	52	-	2- 5/8	16- 7/8	2- 9/16	52	-	-	36	301G
1008A	60	57	354	22	52	-	2- 3/4	16- 1/2	2- 3/4	52	-	-	36	301G
1008A	57	54	354	22	52	-	2- 7/8	16- 1/4	2- 7/8	52	-	-	36	301H
1008A	54	51	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1008A	51	48	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1008A	48	45	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1008A	45	43	354	22	52	-	4	14	4	52	-	-	36	301J
1008A	43	41	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1008A	41	39	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1008A	39	36	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1008A	36	33	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
1008A	33	30	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
1008A	30	27	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
1008A	27	24	354	22	52	-	5	12	5	52	-	-	36	301L
1008A	24	21	354	22	52	-	5- 1/4	11- 1/2	5- 1/4	52	-	-	36	301M
1008A	21	18	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1008A	18	15	354	22	52	-	5- 3/4	10- 1/2	5- 3/4	52	-	-	36	301M
1008A	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
1008A	12	9	354	22	52	-	6- 3/4	10	6	52	-	-	36	402D
1008A	9	7	463	22	52	-	5	12	5	52	3- 3/8	39	36	502A
1008A	7	5	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1008A	5	3	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1008A	3	1	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1008A	1	273	567	22	52	-	5	12	5	52	3- 1/4	39	36	501A
1008A	274	242	567	22	52	-	5	12	5	52	2- 7/8	39	36	601A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE INDEX

DATE 4/ 1/6

REVISIONS

Printed 5-1-69

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3-B1-24	COLUMN	707B
3-B1-25	COLUMN	708B
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3-B1-39	COLUMN	907B
3-B1-40	COLUMN	908B
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LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE NOTES
DATE 5/ 3/67

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)

(1) SCHEDULED COLUMN NUMBER FOLLOWED BY TOWER DESIGNATION (A OR B).

(2) STORY NUMBER AT UPPER COLUMN SPLICE.

(3) STORY NUMBER AT LOWER COLUMN SPLICE.

(4) COLUMN TYPE NUMBER. SEE DRAWINGS 3-AB2-1 THRU 3-AB2-22 FOR DETAILS.

(5) NOMINAL WIDTH OF BUILT UP BOX COLUMN.

(6) NOMINAL DEPTH OF BUILT UP BOX COLUMN.

(7) DESIGNATION OF ROLLED SHAPE WHERE APPLICABLE.

(8) THICKNESS OF PLATE 1,SEE COLUMN TYPES FOR LOCATION.

(9) WIDTH OF PLATE 1,SEE COLUMN TYPES FOR LOCATION.

(10) THICKNESS OF PLATE 2,SEE COLUMN TYPES FOR LOCATION.

(11) WIDTH OF PLATE 2,SEE COLUMN TYPES FOR LOCATION.

(12) THICKNESS OF PLATE 3,SEE COLUMN TYPES FOR LOCATION.

(13) WIDTH OF PLATE 3,SEE COLUMN TYPES FOR LOCATION.

(14) REQUIRED YIELD STRENGTH OF STEEL.

(15) SPLICE DETAIL AT LOWER END OF SCHEDULED COLUMN LIFT.

(16) FOR TEMPORARY AND PERMANENT TRUSSES SEE PAGES 3-B3-1 THRU 3-B3-16.

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
501B	106	104	112	-	-	14WF211	-	-	-	-	-	-	36	101F
501B	104	101	112	-	-	14WF264	-	-	-	-	-	-	36	101F
501B	101	98	112	-	-	14WF342	-	-	-	-	-	-	36	101E
501B	98	95	112	-	-	14WF426	-	-	-	-	-	-	42	101D X
501B	95	92	112	-	-	14WF500	-	-	-	-	-	-	42	101K
501B	92	89	112	-	-	14WF605	-	-	-	-	-	-	42	101L
501B	89	86	112	-	-	14WF665	-	-	-	-	-	-	42	103K
501B	86	83	112	-	-	14WF730	-	-	-	-	-	-	42	304A
501B	83	80	346	22	28	-	2- 1/2	17	2- 1/2	28	-	-	36	302B
501B	80	77	348	22	34	-	2- 1/4	17- 1/2	2- 1/4	34	-	-	36	302K
501B	77	75	350	22	40	-	3- 1/8	15- 3/4	3- 1/8	40	-	-	36	302J
501B	75	72	352	22	46	-	2- 3/8	17- 1/4	2- 3/8	46	-	-	36	302B
501B	72	69	354	22	52	-	2- 5/16	17- 3/8	2- 5/16	52	-	-	36	301F
501B	69	66	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
501B	66	63	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
501B	63	60	354	22	52	-	2-11/16	16- 5/8	2-11/16	52	-	-	36	301G
501B	60	57	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
501B	57	54	354	22	52	-	3	16	3	52	-	-	36	301H
501B	54	51	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
501B	51	48	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
501B	48	45	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
501B	45	43	354	22	52	-	4- 1/8	14	4	52	-	-	36	301K
501B	43	41	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
501B	41	39	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
501B	39	36	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
501B	36	33	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
501B	33	30	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
501B	30	27	354	22	52	-	5	12	5	52	-	-	36	301L
501B	27	24	354	22	52	-	5- 1/4	11- 3/4	5- 1/8	52	-	-	36	301M
501B	24	21	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
501B	21	18	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
501B	18	12	354	22	52	-	5- 7/8	10- 1/4	5- 7/8	52	-	-	36	301M
501B	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
501B	12	9	354	22	52	-	8	10	6	52	-	-	36	402D
501B	9	7	463	22	52	-	5	12	5	52	4- 1/8	39	36	502A
501B	7	5	567	22	52	-	5	12	5	52	3- 3/4	39	36	501A
501B	5	3	567	22	52	-	5	12	5	52	3- 3/4	39	36	501A
501B	3	1	567	22	52	-	5	12	5	52	3- 3/4	39	36	501A
501B	1	274	567	22	52	-	5	12	5	52	3- 3/4	39	36	501A
501B	274	242	567	22	52	-	5	12	5	52	3- 1/2	39	36	601A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
502B	106	104	112	-	-	14WF136	-	-	-	-	-	-	42	101H
502B	104	101	112	-	-	14WF167	-	-	-	-	-	-	42	101G
502B	101	98	112	-	-	14WF211	-	-	-	-	-	-	42	101F
502B	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F X
502B	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
502B	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
502B	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
502B	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	304C
502B	83	80	345	22	25	-	1-11/16	18- 3/4	1- 5/8	25	-	-	36	303E
502B	80	77	346	22	28	-	1-11/16	18- 5/8	1-11/16	28	-	-	36	303F
502B	77	75	347	22	31	-	2- 1/2	17- 1/8	2- 7/16	31	-	-	36	303G
502B	75	72	348	22	34	-	1-15/16	18- 1/8	1-15/16	34	-	-	36	303F
502B	72	69	349	22	37	-	2	18- 1/8	1-15/16	37	-	-	36	303F
502B	69	66	350	22	40	-	1-15/16	18- 1/8	1-15/16	40	-	-	36	303F
502B	66	63	351	22	43	-	1-15/16	18- 1/8	1-15/16	43	-	-	36	303F
502B	63	60	352	22	46	-	1-15/16	18- 1/8	1-15/16	46	-	-	36	303F
502B	60	57	353	22	49	-	2	18- 1/8	1-15/16	49	-	-	36	303F
502B	57	54	354	22	52	-	2	18	2	52	-	-	36	301F
502B	54	51	354	22	52	-	2- 1/8	17- 7/8	2- 1/16	52	-	-	36	301F
502B	51	48	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
502B	48	45	354	22	52	-	2- 5/16	17- 3/8	2- 5/16	52	-	-	36	301F
502B	45	43	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
502B	43	41	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
502B	41	39	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
502B	39	36	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
502B	36	33	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
502B	33	30	354	22	52	-	3- 1/8	16	3	52	-	-	36	301H
502B	30	27	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
502B	27	24	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
502B	24	21	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
502B	21	18	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
502B	18	15	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
502B	15	12	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
502B	12	9	354	22	52	-	4- 1/8	14	4	52	-	-	36	301J
502B	9	7	354	22	52	-	4- 1/4	13- 3/4	4- 1/8	52	-	-	36	301K
502B	7	5	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
502B	5	3	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
502B	3	1	354	22	52	-	4- 7/8	12- 1/4	4- 7/8	52	-	-	36	301L
502B	1	274	354	22	52	-	4- 5/8	13	4- 1/2	52	-	-	36	301L
502B	274	242	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
503B	106	104	112	-	-	14WF150	-	-	-	-	-	-	42	101G
503B	104	101	112	-	-	14WF184	-	-	-	-	-	-	42	101G
503B	101	98	112	-	-	14WF228	-	-	-	-	-	-	42	101F
503B	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F
503B	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
503B	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
503B	89	86	112	-	-	14WF426	-	-	-	-	-	-	36	101D
503B	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	304C
503B	83	80	345	22	25	-	1-11/16	18- 3/4	1- 5/8	25	-	-	36	303E
503B	80	77	346	22	28	-	1- 5/8	18- 3/4	1- 5/8	28	-	-	36	303F
503B	77	75	347	22	31	-	2- 3/8	17- 1/4	2- 3/8	31	-	-	36	303G
503B	75	72	348	22	34	-	1- 7/8	18- 1/4	1- 7/8	34	-	-	36	303E
503B	72	69	349	22	37	-	1- 7/8	18- 1/4	1- 7/8	37	-	-	36	303E
503B	69	66	350	22	40	-	1-13/16	18- 3/8	1-13/16	40	-	-	36	303F
503B	66	63	351	22	43	-	1-13/16	18- 3/8	1-13/16	43	-	-	36	303E
503B	63	60	352	22	46	-	1- 7/8	18- 3/8	1-13/16	46	-	-	36	303E
503B	60	57	353	22	49	-	1- 7/8	18- 1/4	1- 7/8	49	-	-	36	303E
503B	57	54	354	22	52	-	1- 7/8	18- 1/4	1- 7/8	52	-	-	36	301E
503B	54	51	354	22	52	-	2	18- 1/8	1-15/16	52	-	-	36	301F
503B	51	48	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
503B	48	45	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
503B	45	43	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
503B	43	41	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
503B	41	39	354	22	52	-	2- 9/16	16- 7/8	2- 9/16	52	-	-	36	301G
503B	39	36	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
503B	36	33	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
503B	33	30	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
503B	30	27	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
503B	27	24	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
503B	24	21	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
503B	21	18	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
503B	18	15	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
503B	15	12	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
503B	12	9	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
503B	9	7	354	22	52	-	3- 7/8	14- 1/2	3- 3/4	52	-	-	36	301J
503B	7	5	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
503B	5	3	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
503B	3	1	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
503B	1	274	354	22	52	-	4- 1/4	13- 3/4	4- 1/8	52	-	-	36	301K
503B	274	242	354	22	52	-	4- 3/8	13- 1/2	4- 1/4	52	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
										FOR STORY 106 SPLICE SEE DWG 3-AB2-3				
504B	106	104	112	-	-	14WF119	-	-	-	-	-	-	36	101H
504B	104	101	112	-	-	14WF142	-	-	-	-	-	-	36	101G
504B	101	98	112	-	-	14WF193	-	-	-	-	-	-	36	101G
504B	98	95	112	-	-	14WF246	-	-	-	-	-	-	36	103D X
504B	95	92	112	-	-	14WF287	-	-	-	-	-	-	36	103E
504B	92	89	112	-	-	14WF342	-	-	-	-	-	-	36	103F
504B	89	86	112	-	-	14WF370	-	-	-	-	-	-	36	304D
504B	86	83	344	22	22	-	1- 5/16	19- 3/8	1- 5/16	22	-	-	36	303D
504B	83	80	345	22	25	-	1- 3/8	19- 3/8	1- 5/16	25	-	-	36	303D
504B	80	77	346	22	28	-	1- 5/16	19- 3/8	1- 5/16	28	-	-	36	303E
504B	77	75	347	22	31	-	1- 7/8	18- 1/4	1- 7/8	31	-	-	36	303E
504B	75	72	348	22	34	-	1- 7/16	19- 1/8	1- 7/16	34	-	-	36	303D
504B	72	69	349	22	37	-	1- 7/16	19- 1/8	1- 7/16	37	-	-	36	303D
504B	69	66	350	22	40	-	1- 5/16	19- 3/8	1- 5/16	40	-	-	36	303D
504B	66	63	351	22	43	-	1- 3/8	19- 1/4	1- 3/8	43	-	-	36	303D
504B	63	60	352	22	46	-	1- 3/8	19- 1/4	1- 3/8	46	-	-	36	303D
504B	60	57	353	22	49	-	1- 3/8	19- 1/4	1- 3/8	49	-	-	36	303D
504B	57	54	354	22	52	-	1- 3/8	19- 1/4	1- 3/8	52	-	-	36	301D
504B	54	51	354	22	52	-	1- 7/16	19- 1/8	1- 7/16	52	-	-	36	301D
504B	51	48	354	22	52	-	1- 1/2	19	1- 1/2	52	-	-	36	301D
504B	48	45	354	22	52	-	1- 9/16	18- 7/8	1- 9/16	52	-	-	36	301E
504B	45	43	354	22	52	-	1- 3/4	18- 1/2	1- 3/4	52	-	-	36	301E
504B	43	41	354	22	52	-	2- 3/8	17- 1/4	2- 3/8	52	-	-	36	301G
504B	41	39	354	22	52	-	1-13/16	18- 3/8	1-13/16	52	-	-	36	301E
504B	39	36	354	22	52	-	1- 7/8	18- 3/8	1-13/16	52	-	-	36	301E
504B	36	33	354	22	52	-	1-15/16	18- 1/4	1- 7/8	52	-	-	36	301F
504B	33	30	354	22	52	-	2	18	2	52	-	-	36	301F
504B	30	27	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
504B	27	24	354	22	52	-	2- 1/8	17- 3/4	2- 1/8	52	-	-	36	301F
504B	24	21	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
504B	21	18	354	22	52	-	2- 1/4	17- 1/2	2- 1/4	52	-	-	36	301F
504B	18	15	354	22	52	-	2- 3/8	17- 3/8	2- 5/16	52	-	-	36	301G
504B	15	12	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
504B	12	9	354	22	52	-	2- 9/16	16-7/8	2- 9/16	52	-	-	36	301G
504B	9	7	354	22	52	-	2- 9/16	16- 7/8	2- 9/16	52	-	-	36	301G
504B	7	5	354	22	52	-	3	16	3	52	-	-	36	301H
504B	5	3	354	22	52	-	3	16	3	52	-	-	36	301H
504B	3	1	354	22	52	-	3	16	3	52	-	-	36	301H
504B	1	274	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
504B	274	242	354	22	52	-	2-15/16	16- 1/4	2- 7/8	52	-	-	36	602A

LESLIE E. ROBERTSON
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PROJECT THE WORLD TRADE CENTER
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REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
505B	106	104	112	-	-	14WF136	-	-	-	-	-	-	36	101H
505B	104	101	112	-	-	14WF158	-	-	-	-	-	-	36	101G
505B	101	98	112	-	-	14WF184	-	-	-	-	-	-	36	101G
505B	98	95	112	-	-	14WF219	-	-	-	-	-	-	36	103D X
505B	95	92	112	-	-	14WF264	-	-	-	-	-	-	36	103E
505B	92	89	112	-	-	14WF287	-	-	-	-	-	-	36	103E
505B	89	86	112	-	-	14WF342	-	-	-	-	-	-	36	304D
505B	86	83	332	18	22	-	1- 3/8	15- 3/8	1- 5/16	22	-	-	36	303D
505B	83	80	333	18	25	-	1- 7/16	15- 1/4	1- 3/8	25	-	-	36	303D
505B	80	77	334	18	28	-	1- 3/8	15- 1/4	1- 3/8	28	-	-	36	303E
505B	77	75	335	18	31	-	2	14- 1/8	1-15/16	31	-	-	36	303F
505B	75	72	336	18	34	-	1- 1/2	15	1- 1/2	34	-	-	36	303D
505B	72	69	337	18	37	-	1- 9/16	14- 7/8	1- 9/16	37	-	-	36	303E
505B	69	66	338	18	40	-	1- 1/2	15- 1/8	1- 7/16	40	-	-	36	303E
505B	66	63	339	18	43	-	1- 1/2	15- 1/8	1- 7/16	43	-	-	36	303D
505B	63	60	340	18	46	-	1- 1/2	15- 1/8	1- 7/16	46	-	-	36	303D
505B	60	57	341	18	49	-	1- 1/2	15- 1/8	1- 7/16	49	-	-	36	303D
505B	57	54	342	18	52	-	1- 1/2	15	1- 1/2	52	-	-	36	301D
505B	54	51	342	18	52	-	1- 9/16	14- 7/8	1- 9/16	52	-	-	36	301E
505B	51	48	342	18	52	-	1- 5/8	14- 3/4	1- 5/8	52	-	-	36	301E
505B	48	45	342	18	52	-	1-11/16	14- 5/8	1-11/16	52	-	-	36	301E
505B	45	43	342	18	52	-	1- 7/8	14- 1/4	1- 7/8	52	-	-	36	301E
505B	43	41	342	18	52	-	2- 9/16	12- 7/8	2- 9/16	52	-	-	36	301G
505B	41	39	342	18	52	-	1-15/16	14- 1/8	1-15/16	52	-	-	36	301F
505B	39	36	342	18	52	-	2	14	2	52	-	-	36	301F
505B	36	33	342	18	52	-	2- 1/16	13- 7/8	2- 1/16	52	-	-	36	301F
505B	33	30	342	18	52	-	2- 3/16	13- 3/4	2- 1/8	52	-	-	36	301F
505B	30	27	342	18	52	-	2- 1/4	13- 1/2	2- 1/4	52	-	-	36	301F
505B	27	24	342	18	52	-	2- 5/16	13- 3/8	2- 5/16	52	-	-	36	301F
505B	24	21	342	18	52	-	2- 3/8	13- 1/4	2- 3/8	52	-	-	36	301G
505B	21	18	342	18	52	-	2- 1/2	13	2- 1/2	52	-	-	36	301G
505B	18	15	342	18	52	-	2- 9/16	12- 7/8	2- 9/16	52	-	-	36	301G
505B	15	12	342	18	52	-	2- 5/8	12- 3/4	2- 5/8	52	-	-	36	301G
505B	12	9	342	18	52	-	2-13/16	12- 3/8	2-13/16	52	-	-	36	301G
505B	9	7	342	18	52	-	2- 7/8	12- 3/8	2-13/16	52	-	-	36	301G
505B	7	5	342	18	52	-	3- 1/2	11	3- 1/2	52	-	-	36	301H
505B	5	3	342	18	52	-	3- 1/2	11	3- 1/2	52	-	-	36	301H
505B	3	1	342	18	52	-	3- 1/2	11	3- 1/2	52	-	-	36	301H
505B	1	274	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
505B	274	242	342	18	52	-	3- 3/8	11- 1/4	3- 3/8	52	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

LESLIE E. ROBERTSON
No. 34360

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
506B	106	104	112	-	-	14WF150	-	-	-	-	-	-	42	101G
506B	104	101	112	-	-	14WF184	-	-	-	-	-	-	42	101G
506B	101	98	112	-	-	14WF237	-	-	-	-	-	-	42	101F
506B	98	95	112	-	-	14WF287	-	-	-	-	-	-	42	101E
506B	95	92	112	-	-	14WF342	-	-	-	-	-	-	42	101E
506B	92	89	112	-	-	14WF398	-	-	-	-	-	-	42	101D
506B	89	86	112	-	-	14WF455	-	-	-	-	-	-	42	101D
506B	86	83	112	-	-	14WF500	-	-	-	-	-	-	36	304C
506B	83	80	345	22	25	-	1-13/16	18- 1/2	1- 3/4	25	-	-	36	303E
506B	80	77	346	22	28	-	1-13/16	18- 3/8	1-13/16	28	-	-	36	303F
506B	77	75	347	22	31	-	2-11/16	16- 3/4	2- 5/8	31	-	-	36	303G
506B	75	72	348	22	34	-	2- 1/8	17- 7/8	2- 1/16	34	-	-	36	303F
506B	72	69	349	22	37	-	2- 1/8	17- 7/8	2- 1/16	37	-	-	36	303F
506B	69	66	350	22	40	-	2	18	2	40	-	-	36	303F
506B	66	63	351	22	43	-	2	18	2	43	-	-	36	303F
506B	63	60	352	22	46	-	2- 1/16	18	2	46	-	-	36	303F
506B	60	57	353	22	49	-	2- 1/16	18	2	49	-	-	36	303F
506B	57	54	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
506B	54	51	354	22	52	-	2- 3/16	17- 3/4	2- 1/8	52	-	-	36	301F
506B	51	48	354	22	52	-	2- 1/4	17- 1/2	2- 1/4	52	-	-	36	301F
506B	48	45	354	22	52	-	2- 3/8	17- 1/4	2- 3/8	52	-	-	36	301G
506B	45	43	354	22	52	-	2-11/16	16- 3/4	2- 5/8	52	-	-	36	301G
506B	43	41	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
506B	41	39	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
506B	39	36	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
506B	36	33	354	22	52	-	3- 1/8	16	3	52	-	-	36	301H
506B	33	30	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
506B	30	27	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
506B	27	24	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
506B	24	21	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
506B	21	18	354	22	52	-	3- 3/4	14- 3/4	3- 5/8	52	-	-	36	301J
506B	18	15	354	22	52	-	3- 7/8	14- 1/2	3- 3/4	52	-	-	36	301J
506B	15	12	354	22	52	-	4	14- 1/4	3- 7/8	52	-	-	36	301J
506B	12	9	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
506B	9	7	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
506B	7	5	354	22	52	-	5	12	5	52	-	-	36	301L
506B	5	3	354	22	52	-	5	12	5	52	-	-	36	301L
506B	3	1	354	22	52	-	5	12	5	52	-	-	36	301L
506B	1	274	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
506B	274	242	354	22	52	-	5	12	5	52	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER **TITLE** CORE COLUMN SCHEDULE **DATE** 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-A82-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
507B	106	104	112	-	-	14WF136	-	-	-	-	-	-	42	101H
507B	104	101	112	-	-	14WF167	-	-	-	-	-	-	42	101G
507B	101	98	112	-	-	14WF211	-	-	-	-	-	-	42	101F
507B	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F x
507B	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
507B	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
507B	89	86	112	-	-	14WF398	-	-	-	-	-	-	42	101D
507B	86	83	112	-	-	14WF426	-	-	-	-	-	-	36	304C
507B	83	80	345	22	25	-	1- 5/8	18- 7/8	1- 9/16	25	-	-	36	303E
507B	80	77	346	22	28	-	1- 5/8	18- 3/4	1- 5/8	28	-	-	36	303F
507B	77	75	347	22	31	-	2- 3/8	17- 1/4	2- 3/8	31	-	-	36	303G
507B	75	72	348	22	34	-	1- 7/8	18- 1/4	1- 7/8	34	-	-	36	303E
507B	72	69	349	22	37	-	1- 7/8	18- 1/4	1- 7/8	37	-	-	36	303E
507B	69	66	350	22	40	-	1- 7/8	18- 3/8	1-13/16	40	-	-	36	303F
507B	66	63	351	22	43	-	1- 7/8	18- 3/8	1-13/16	43	-	-	36	303E
507B	63	60	352	22	46	-	1- 7/8	18- 1/4	1- 7/8	46	-	-	36	303E
507B	60	57	353	22	49	-	1-15/16	18- 1/4	1- 7/8	49	-	-	36	303F
507B	57	54	354	22	52	-	1-15/16	18- 1/8	1-15/16	52	-	-	36	301F
507B	54	51	354	22	52	-	2- 1/16	18	2	52	-	-	36	301F
507B	51	48	354	22	52	-	2- 1/8	17- 3/4	2- 1/8	52	-	-	36	301F
507B	48	45	354	22	52	-	2- 1/4	17- 1/2	2- 1/4	52	-	-	36	301F
507B	45	43	354	22	52	-	2- 9/16	16- 7/8	2- 9/16	52	-	-	36	301G
507B	43	41	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
507B	41	39	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
507B	39	36	354	22	52	-	2-11/16	16- 5/8	2-11/16	52	-	-	36	301G
507B	36	33	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
507B	33	30	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
507B	30	27	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
507B	27	24	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
507B	24	21	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
507B	21	18	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
507B	18	15	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
507B	15	12	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
507B	12	9	354	22	52	-	4	14- 1/4	3- 7/8	52	-	-	36	301J
507B	9	7	354	22	52	-	4- 1/8	14	4	52	-	-	36	301J
507B	7	5	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
507B	5	3	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
507B	3	1	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	A1

FOR TRUSS SEE PAGE 3-B3-2

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
508B	106	104	112	-	-	14WF211	-	-	-	-	-	-	36	101F
508B	104	101	112	-	-	14WF264	-	-	-	-	-	-	36	101F
508B	101	98	112	-	-	14WF342	-	-	-	-	-	-	36	101E
508B	98	95	112	-	-	14WF426	-	-	-	-	-	-	36	101D
508B	95	92	112	-	-	14WF500	-	-	-	-	-	-	42	101K
508B	92	89	112	-	-	14WF605	-	-	-	-	-	-	42	101L
508B	89	86	112	-	-	14WF665	-	-	-	-	-	-	42	103K
508B	86	83	112	-	-	14WF730	-	-	-	-	-	-	36	304A
508B	83	80	346	22	28	-	2- 1/2	17	2- 1/2	28	-	-	36	302B
508B	80	77	348	22	34	-	2- 1/4	17- 1/2	2- 1/4	34	-	-	36	302K
508B	77	75	350	22	40	-	3- 1/8	15- 3/4	3- 1/8	40	-	-	36	302J
508B	75	72	352	22	46	-	2- 3/8	17- 1/4	2- 3/8	46	-	-	36	302B
508B	72	69	354	22	52	-	2- 5/16	17- 3/8	2- 5/16	52	-	-	36	301F
508B	69	66	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
508B	66	63	354	22	52	-	2- 1/2	17	2- 1/2	52	-	-	36	301G
508B	63	60	354	22	52	-	2-11/16	16- 5/8	2-11/16	52	-	-	36	301G
508B	60	57	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
508B	57	54	354	22	52	-	3	16	3	52	-	-	36	301H
508B	54	51	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
508B	51	48	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
508B	48	45	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
508B	45	43	354	22	52	-	4- 1/8	14	4	52	-	-	36	301K
508B	43	41	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
508B	41	39	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
508B	39	36	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
508B	36	33	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
508B	33	30	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
508B	30	27	354	22	52	-	5	12	5	52	-	-	36	301L
508B	27	24	354	22	52	-	5- 1/4	11- 3/4	5- 1/8	52	-	-	36	301M
508B	24	21	354	22	52	-	5- 1/2	11- 1/4	5- 1/2	52	-	-	36	301M
508B	21	18	354	22	52	-	5- 5/8	10- 3/4	5- 5/8	52	-	-	36	301M
508B	18	15	354	22	52	-	5- 7/8	10- 1/4	5- 7/8	52	-	-	36	301M
508B	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
508B	12	9	354	22	52	-	8	10	6	52	-	-	36	402D
508B	9	7	463	22	52	-	5	12	5	52	5	39	36	502A
508B	7	5	567	22	52	-	5	12	5	52	3- 3/4	39	36	501A
508B	5	3	567	22	52	-	5	12	5	52	3- 3/4	39	36	501A
508B	3	1	567	22	52	-	5	12	5	52	3- 3/4	39	36	501A
508B	1	274	567	22	52	-	5	12	5	52	3- 5/8	39	36	501A
508B	274	242	567	22	52	-	5	12	5	52	3- 1/2	39	36	601A

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COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
601B	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
601B	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
601B	101	98	111	-	-	12WF 92	-	-	-	-	-	-	42	101B
601B	98	95	111	-	-	12WF106	-	-	-	-	-	-	42	101B
601B	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B
601B	92	89	213	-	-	12WF161	-	-	-	-	-	-	36	101A
601B	89	86	213	-	-	12WF190	-	-	-	-	-		36	202A
601A	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
601B	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	304F
601B	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
601B	77	75	373	14	36	-	1- 1/4	11- 5/8	1- 3/16	36	-	-	36	301D
601B	75	72	373	14	36	-	1	12	1	36	-	-	36	301C
601B	72	69	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
601B	69	66	373	14	36	-	1- 1/8	11- 3/4	1- 1/8	36	-	-	36	301C
601B	66	63	373	14	36	-	1- 5/16	11- 3/8	1- 5/16	36	-	-	36	302D
601B	63	60	375	14	43	-	1- 3/16	11- 5/8	1- 3/16	43	-	-	36	301D
601B	60	57	375	14	43	-	1- 1/4	11- 1/2	1- 1/4	43	-	-	36	301D
601B	57	54	375	14	43	-	1- 5/16	11- 3/8	1- 5/16	43	-	-	36	301D
601B	54	51	375	14	43	-	1- 7/16	11- 1/8	1- 7/16	43	-	-	36	301D
601B	51	48	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
601B	48	45	375	14	43	-	1- 9/16	10- 7/8	1- 9/16	43	-	-	36	301E
601B	45	43	375	14	43	-	1-13/16	10- 1/2	1- 3/4	43	-	-	36	301E
601B	43	41	375	14	43	-	2- 7/16	9- 1/8	2- 7/16	43	-	-	36	301G
601B	41	39	375	14	43	-	1- 7/8	10- 1/4	1- 7/8	43	-	-	36	301E
601B	39	36	375	14	43	-	1-15/16	10- 1/8	1-15/16	43	-	-	36	301F
601B	36	33	375	14	43	-	2	10	2	43	-	-	36	301F
601B	33	30	375	14	43	-	2- 1/8	9- 3/4	2- 1/8	43	-	-	36	301F
601B	30	27	375	14	43	-	2- 1/4	9- 1/2	2- 1/4	43	-	-	36	301F
601B	27	24	375	14	43	-	2- 5/16	9- 3/8	2- 5/16	43	-	-	36	301F
601B	24	21	375	14	43	-	2- 7/16	9- 1/8	2- 7/16	43	-	-	36	301G
601B	21	18	375	14	43	-	2- 9/16	9	2- 1/2	43	-	-	36	301G
601B	18	15	375	14	43	-	2- 5/8	8- 3/4	2- 5/8	43	-	-	36	301G
601B	15	12	375	14	43	-	2- 3/4	8- 1/2	2- 3/4	43	-	-	36	301G
601B	12	9	375	14	43	-	2- 7/8	8- 1/4	2- 7/8	43	-	-	36	301G
601B	9	7	375	14	43	-	3	8	3	43	-	-	36	301G
601B	7	5	375	14	43	-	4- 5/8	4- 3/4	4- 5/8	43	-	-	36	301J
601B	5	3	375	14	43	-	4- 5/8	4- 3/4	4- 5/8	43	-	-	36	301J
601B	3	1	375	14	43	-	4- 5/8	4- 3/4	4- 5/8	43	-	-	36	301J
601B	1	274	375	14	43	-	3- 1/2	7- 1/4	3- 3/8	43	-	-	36	301H
601B	274	242	375	14	43	-	3- 5/8	6- 3/4	3- 5/8	43	-	-	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
602B	106	104	112	-	-	14WF 87	-	-	-	-	-	-	42	101H
602B	104	101	112	-	-	14WF103	-	-	-	-	-	-	42	101H
602B	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
602B	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G X
602B	95	92	112	-	-	14WF176	-	-	-	-	-	-	36	101G
602B	92	89	112	-	-	14WF193	-	-	-	-	-	-	36	101G
602B	89	86	112	-	-	14WF219	-	-	-	-	-	-	36	101F
602B	86	83	112	-	-	14WF237	-	-	-	-	-	-	36	101F
602B	83	80	112	-	-	14WF264	-	-	-	-	-	-	36	304G
602B	80	77	327	16	36	-	15/16	14- 1/4	7/8	36	-	-	36	301C
602B	77	75	327	16	36	-	1- 7/16	13- 1/4	1- 3/8	36	-	-	36	301D
602B	75	72	327	16	36	-	1- 1/8	13- 3/4	1- 1/8	36	-	-	36	301C
602B	72	69	327	16	36	-	1- 3/16	13- 5/8	1- 3/16	36	-	-	36	301D
602B	69	66	327	16	36	-	1- 1/4	13- 1/2	1- 1/4	36	-	-	36	301D
602B	66	63	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
602B	63	60	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
602B	60	57	327	16	36	-	1- 7/16	13- 1/8	1- 7/16	36	-	-	36	301D
602B	57	54	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
602B	54	51	327	16	36	-	1- 9/16	12- 7/8	1- 9/16	36	-	-	36	301E
602B	51	48	327	16	36	-	1- 5/8	12- 3/4	1- 5/8	36	-	-	36	301E
602B	48	45	327	16	36	-	1-11/16	12- 5/8	1-11/16	36	-	-	36	301E
602B	45	43	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
602B	43	41	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	301G
602B	41	39	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
602B	39	36	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
602B	36	33	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
602B	33	30	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
602B	30	27	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
602B	27	24	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
602B	24	21	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
602B	21	18	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
602B	18	15	327	16	36	-	2- 5/8	10- 7/8	2- 9/16	36	-	-	36	301G
602B	15	12	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
602B	12	9	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	
602B	9	7	327	16	36	-	2-13/16	10- 3/8	2-13/16	36	-	-	36	301G
602B	7	5	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
602B	5	3	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
602B	3	1	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
602B	1	274	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	301H
602B	274	242	327	16	36	-	3- 3/8	9- 1/2	3- 1/4	36	-	-	36	602A

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COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
FOR STORY 106 SPLICE SEE DWG 3-AB2-3														
603B	106	104	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
603B	104	101	112	-	-	14WF103	-	-	-	-	-	-	36	101H
603B	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
603B	98	95	112	-	-	14WF158	-	-	-	-	-	-	36	101G
603B	95	92	112	-	-	14WF184	-	-	-	-	-	-	36	101G
603B	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
603B	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
603B	86	83	112	-	-	14WF237	-	-	-	-	-	-	36	101F
603B	83	80	112	-	-	14WF264	-	-	-	-	-	-	36	304G
603B	80	77	327	16	36	-	13/16	14- 3/8	13/16	36	-	-	36	301C
603B	77	75	327	16	36	-	1- 1/4	13- 1/2	1- 1/4	36	-	-	36	301D
603B	75	72	327	16	36	-	1	14	1	36	-	-	36	301C
603B	72	69	327	16	36	-	1- 1/16	13- 7/8	1- 1/16	36	-	-	36	301C
603B	69	66	327	16	36	-	1- 1/8	13- 3/4	1- 1/8	36	-	-	36	301D
603B	66	63	327	16	36	-	1- 3/16	13- 3/4	1- 1/8	36	-	-	36	301D
603B	63	60	327	16	36	-	1- 1/4	13- 5/8	1- 3/16	36	-	-	36	301D
603B	60	57	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
603B	57	54	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
603B	54	51	327	16	36	-	1- 7/16	13- 1/8	1- 7/16	36	-	-	36	301D
603B	51	48	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
603B	48	45	327	16	36	-	1- 9/16	12- 7/8	1- 9/16	36	-	-	36	301E
603B	45	43	327	16	36	-	1- 3/4	12- 1/2	1- 3/4	36	-	-	36	301E
603B	43	41	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
603B	41	39	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
603B	39	36	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
603B	36	33	327	16	36	-	2	12	2	36	-	-	36	301F
603B	33	30	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
603B	30	27	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
603B	27	24	327	16	36	-	2- 1/4	11- 5/8	2- 3/16	36	-	-	36	301F
603B	24	21	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
603B	21	18	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
603B	18	15	327	16	36	-	2- 1/2	11- 1/8	2- 7/16	36	-	-	36	301G
603B	15	12	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
603B	12	9	327	16	36	-	2- 5/8	10- 3/4	2- 5/8	36	-	-	36	301G
603B	9	7	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
603B	7	5	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
603B	5	3	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
603B	3	1	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
603B	1	274	327	16	36	-	3	10	3	36	-	-	36	301H
603B	274	242	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

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REVISIONS

LESLIE E. ROBERTSON
No. 34360

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	W1	PLATE 2 T2	W2	PLATE 3 T3	W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
604B	106	104	111	-	-	12WF 53	-	-	-	-	-	-	42	101B
604B	104	101	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
604B	101	98	111	-	-	12WF 85	-	-	-	-	-	-	42	101B
604B	98	95	111	-	-	12WF106	-	-	-	-	-	-	36	101B
604B	95	92	111	-	-	12WF120	-	-	-	-	-	-	36	101B
604B	92	89	111	-	-	12WF161	-	-	-	-	-	-	36	101A
604B	89	86	111	-	-	12WF161	-	-	-	-	-	-	36	101A
604B	86	83	111	-	-	12WF190	-	-	-	-	-	-	36	101A
604B	83	80	111	-	-	12WF190	-	-	-	-	-	-	36	304F
604B	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
604B	77	75	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
604B	75	72	373	14	36	-	7/8	12- 3/8	13/16	36	-	-	36	301C
604B	72	69	373	14	36	-	7/8	12- 1/4	7/8	36	-	-	36	301C
604B	69	66	373	14	36	-	15/16	12- 1/4	7/8	36	-	-	36	301C
604B	66	63	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
604B	63	60	373	14	36	-	1	12	1	36	-	-	36	301C
604B	60	57	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
604B	57	54	373	14	36	-	1- 1/16	11- 7/8	1- 1/16	36	-	-	36	301C
604B	54	51	373	14	36	-	1- 1/8	11- 3/4	1- 1/8	36	-	-	36	301C
604B	51	48	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
604B	48	45	373	14	36	-	1- 1/4	11- 5/8	1- 3/16	36	-	-	36	301D
604B	45	43	373	14	36	-	1- 3/8	11- 1/4	1- 3/8	36	-	-	36	301D
604B	43	41	373	14	36	-	1-15/16	10- 1/4	1- 7/8	36	-	-	36	301F
604B	41	39	373	14	36	-	1- 7/16	11- 1/8	1- 7/16	36	-	-	36	301D
604B	39	36	373	14	36	-	1- 1/2	11- 1/8	1- 7/16	36	-	-	36	301D
604B	36	33	373	14	36	-	1- 9/16	11	1- 1/2	36	-	-	36	301E
604B	33	30	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
604B	30	27	373	14	36	-	1- 5/8	10- 3/4	1- 5/8	36	-	-	36	301E
604B	27	24	373	14	36	-	1-11/16	10- 5/8	1-11/16	36	-	-	36	301E
604B	24	21	373	14	36	-	1- 3/4	10- 1/2	1- 3/4	36	-	-	36	301E
604B	21	18	373	14	36	-	1-13/16	10- 1/2	1- 3/4	36	-	-	36	301E
604B	18	15	373	14	36	-	1- 7/8	10- 3/8	1-13/16	36	-	-	36	301E
604B	15	12	373	14	36	-	1- 7/8	10- 1/4	1- 7/8	36	-	-	36	301E
604B	12	9	373	14	36	-	1-15/16	10- 1/8	1-15/16	36	-	-	36	301F
604B	9	7	373	14	36	-	2	10	2	36	-	-	36	301F
604B	7	5	373	14	36	-	3- 3/16	7- 5/8	3- 3/16	36	-	-	36	301H
604B	5	3	373	14	36	-	3- 3/16	7- 5/8	3- 3/16	36	-	-	36	301H
604B	3	1	373	14	36	-	3- 3/16	7- 5/8	3- 3/16	36	-	-	36	301H
604B	1	274	373	14	36	-	2- 1/4	9- 1/2	2- 1/4	36	-	-	36	301F
604B	274	242	373	14	36	-	2- 3/8	9- 3/8	2- 5/16	36	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
605B	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
605B	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
605B	101	98	111	-	-	12WF 92	-	-	-	-	-	-	42	101B
605B	98	95	111	-	-	12WF120	-	-	-	-	-	-	36	101B
605B	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B
605B	92	89	111	-	-	12WF161	-	-	-	-	-	-	36	101A
605B	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202B
605B	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
605B	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	304F
605B	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
605B	77	75	373	14	36	-	1- 1/16	11- 7/8	1- 1/16	36	-	-	36	301C
605B	75	72	373	14	36	-	7/8	12- 3/8	13/16	36	-	-	36	301C
605B	72	69	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
605B	69	66	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
605B	66	63	373	14	36	-	1	12	1	36	-	-	36	301C
605B	63	60	373	14	36	-	1- 1/16	11- 7/8	1- 1/16	36	-	-	36	301C
605B	60	57	373	14	36	-	1- 1/8	11- 3/4	1- 1/8	36	-	-	36	301C
605B	57	54	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
605B	54	51	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
605B	51	48	373	14	36	-	1- 1/4	11- 1/2	1- 1/4	36	-	-	36	301D
605B	48	45	373	14	36	-	1- 5/16	11- 3/8	1- 5/16	36	-	-	36	301D
605B	45	43	373	14	36	-	1- 1/2	11	1- 1/2	36	-	-	36	301D
605B	43	41	373	14	36	-	2	10	2	36	-	-	36	301F
605B	41	39	373	14	36	-	1- 1/2	11	1- 1/2	36	-	-	36	301D
605B	39	36	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
605B	36	33	373	14	36	-	1- 5/8	10- 3/4	1- 5/8	36	-	-	36	301E
605B	33	30	373	14	36	-	1-11/16	10- 5/8	1-11/16	36	-	-	36	301E
605B	30	27	373	14	36	-	1- 3/4	10- 1/2	1- 3/4	36	-	-	36	301E
605B	27	24	373	14	36	-	1-13/16	10- 3/8	1-13/16	36	-	-	36	301E
605B	24	21	373	14	36	-	1- 7/8	10- 1/4	1- 7/8	36	-	-	36	301E
605B	21	18	373	14	36	-	1-15/16	10- 1/8	1-15/16	36	-	-	36	301F
605B	18	15	373	14	36	-	2	10	2	36	-	-	36	301F
605B	15	12	373	14	36	-	2- 1/16	10	2	36	-	-	36	301F
605B	12	9	373	14	36	-	2- 1/8	9- 7/8	2- 1/16	36	-	-	36	301F
605B	9	7	373	14	36	-	2- 3/16	9- 3/4	2- 1/8	36	-	-	36	301F
605B	7	5	373	14	36	-	3- 1/2	7	3- 1/2	36	-	-	36	301H
605B	5	3	373	14	36	-	3- 1/2	7	3- 1/2	36	-	-	36	301H
605B	3	1	373	14	36	-	3- 1/2	7	3- 1/2	36	-	-	36	301H
605B	1	274	373	14	36	-	2- 7/16	9- 1/8	2- 7/16	36	-	-	36	301G
605B	274	242	373	14	36	-	2- 1/2	9	2- 1/2	36	-	-	36	602A

LESLIE E. ROBERTSON No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
606B	106	104	112	-	-	14WF 84	-	-	-	-	-	-	42	101H
606B	104	101	112	-	-	14WF103	-	-	-	-	-	-	42	101H
606B	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
606B	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G X
606B	95	92	112	-	-	14WF176	-	-	-	-	-	-	36	101G
606B	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
606B	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
606B	86	83	112	-	-	14WF237	-	-	-	-	-	-	36	101F
606B	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	304G
606B	80	77	327	16	36	-	7/8	14- 3/8	13/16	36	-	-	36	301D
606B	77	75	327	16	36	-	1- 9/16	13	1- 1/2	36	-	-	36	301E
606B	75	72	327	16	36	-	1- 1/4	13- 5/8	1- 3/16	36	-	-	36	301D
606B	72	69	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
606B	69	66	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
606B	66	63	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
606B	63	60	327	16	36	-	1- 1/2	13- 1/8	1- 7/16	36	-	-	36	301D
606B	60	57	327	16	36	-	1- 9/16	13	1- 1/2	36	-	-	36	301E
606B	57	54	327	16	36	-	1- 5/8	12- 7/8	1- 9/16	36	-	-	36	301E
606B	54	51	327	16	36	-	1-11/16	12- 3/4	1- 5/8	36	-	-	36	301E
606B	51	48	327	16	36	-	1- 3/4	12- 5/8	1-11/16	36	-	-	36	301E
606B	48	45	327	16	36	-	1-13/16	12- 3/8	1-13/16	36	-	-	36	301E
606B	45	43	327	16	36	-	2- 1/16	12	2	36	-	-	36	301F
606B	43	41	327	16	36	-	2-13/16	10- 1/2	2- 3/4	36	-	-	36	301G
606B	41	39	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
606B	39	36	327	16	36	-	2- 1/8	11- 7/8	2- 1/16	36	-	-	36	301F
606B	36	33	327	16	36	-	2- 3/16	11- 3/4	2- 1/8	36	-	-	36	301F
606B	33	30	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
606B	30	27	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
606B	27	24	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
606B	24	21	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
606B	21	18	327	16	36	-	2- 5/8	10- 3/4	2- 5/8	36	-	-	36	301G
606B	18	15	327	16	36	-	2- 3/4	10- 5/8	2-11/16	36	-	-	36	301G
606B	15	12	327	16	36	-	2-13/16	10- 3/8	2-13/16	36	-	-	36	301G
606B	12	9	327	16	36	-	2- 7/8	10- 1/4	2- 7/8	36	-	-	36	301G
606B	9	7	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
606B	7	5	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
606B	5	3	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
606B	3	1	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
606B	1	274	327	16	36	-	3- 1/8	10	3	36	-	-	36	301H
606B	274	242	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

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LESLIE E. ROBERTSON
No. 34360

	UPR SPL	LWR SPL	COL.				PLATE 1		PLATE 2		PLATE 3			LOWER SPLICE
COL.NO	STR	STR	TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
										FOR STORY 106 SPLICE SEE DWG 3-AB2-3				
607B	106	104	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
607B	104	101	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
607B	101	98	112	-	-	14WF119	-	-	-	-	-	-	36	101H
607B	98	95	112	-	-	14WF142	-	-	-	-	-	-	36	101G
607B	95	92	112	-	-	14WF167	-	-	-	-	-	-	36	101G
607B	92	89	112	-	-	14WF184	-	-	-	-	-	-	36	101G
607B	89	86	112	-	-	14WF211	-	-	-	-	-	-	36	101F
607B	86	83	112	-	-	14WF219	-	-	-	-	-	-	36	101F
607B	83	80	112	-	-	14WF246	-	-	-	-	-	-	36	304G
607B	80	77	327	16	36	-	7/8	14- 1/4	7/8	36	-	-	36	301C
607B	77	75	327	16	36	-	1- 5/16	13- 1/2	1- 1/4	36	-	-	36	301D
607B	75	72	327	16	36	-	1- 1/16	13- 7/8	1- 1/16	36	-	-	36	301C
607B	72	69	327	16	36	-	1- 1/8	13- 3/4	1- 1/8	36	-	-	36	301C
607B	69	66	327	16	36	-	1- 3/16	13- 3/4	1- 1/8	36	-	-	36	301D
607B	66	63	327	16	36	-	1- 3/16	13- 5/8	1- 3/16	36	-	-	36	301D
607B	63	60	327	16	36	-	1- 1/4	13- 1/2	1- 1/4	36	-	-	36	301D
607B	60	57	327	16	36	-	1- 3/8	13- 3/8	1- 5/16	36	-	-	36	301D
607B	57	54	327	16	36	-	1- 7/16	13- 1/4	1- 3/8	36	-	-	36	301D
607B	54	51	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
607B	51	48	327	16	36	-	1- 9/16	12- 7/8	1- 9/16	36	-	-	36	301E
607B	48	45	327	16	36	-	1- 5/8	12- 3/4	1- 5/8	36	-	-	36	301E
607B	45	43	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
607B	43	41	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
607B	41	39	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
607B	39	36	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
607B	36	33	327	16	36	-	2	12	2	36	-	-	36	301F
607B	33	30	327	16	36	-	2- 1/8	11- 7/8	2- 1/16	36	-	-	36	301F
607B	30	27	327	16	36	-	2- 3/16	11- 3/4	2- 1/8	36	-	-	36	301F
607B	27	24	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
607B	24	21	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
607B	21	18	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
607B	18	15	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
607B	15	12	327	16	36	-	2- 5/8	10- 7/8	2- 9/16	36	-	-	36	301G
607B	12	9	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
607B	9	7	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	301G
607B	7	5	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
607B	5	3	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
607B	3	1	327	16	36	-	4- 1/4	7- 1/2	4- 1/4	36	-	-	36	301K
607B	1	286	327	16	36	-	3	10	3	36	-	-	36	C
607B	286	242	327	16	36	-	3- 1/8	9- 3/4	3- 1/8	36	-	-	36	D

FOR TRUSS SEE PAGE 3-B3-3

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	W1	PLATE 2 T2	W2	PLATE 3 T3	W3	FY	LOWER SPLICE DET.NO
608B	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
608B	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
608B	101	98	111	-	-	12WF 92	-	-	-	-	-	-	36	101B
608B	98	95	111	-	-	12WF106	-	-	-	-	-	-	36	101B
608B	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B
608B	92	89	111	-	-	12WF190	-	-	-	-	-	-	36	101A
608B	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202A
608B	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
608B	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	304F
608B	80	77	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301C
608B	77	75	373	14	36	-	1	12	1	36	-	-	36	301C
608B	75	72	373	14	36	-	7/8	12- 1/4	7/8	36	-	-	36	301C
608B	72	69	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
608B	69	66	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
608B	66	63	373	14	36	-	1	12	1	36	-	-	36	302D
608B	63	60	375	14	43	-	1	12	1	43	-	-	36	301C
608B	60	57	375	14	43	-	1	12	1	43	-	-	36	301C
608B	57	54	375	14	43	-	1- 1/16	11- 7/8	1- 1/16	43	-	-	36	301C
608B	54	51	375	14	43	-	1- 1/8	11- 3/4	1- 1/8	43	-	-	36	301C
608B	51	48	375	14	43	-	1- 3/16	11- 5/8	1- 3/16	43	-	-	36	301D
608B	48	45	375	14	43	-	1- 1/4	11- 1/2	1- 1/4	43	-	-	36	301D
608B	45	43	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
608B	43	41	375	14	43	-	2- 1/16	9- 7/8	2- 1/16	43	-	-	36	301F
608B	41	39	375	14	43	-	1- 5/8	10- 3/4	1- 5/8	43	-	-	36	301E
608B	39	36	375	14	43	-	1-11/16	10- 5/8	1-11/16	43	-	-	36	301E
608B	36	33	375	14	43	-	1- 3/4	10- 1/2	1- 3/4	43	-	-	36	301E
608B	33	30	375	14	43	-	1-13/16	10- 3/8	1-13/16	43	-	-	36	301E
608B	30	27	375	14	43	-	1- 7/8	10- 1/4	1- 7/8	43	-	-	36	301E
608B	27	24	375	14	43	-	1-15/16	10- 1/8	1-15/16	43	-	-	36	301F
608B	24	21	375	14	43	-	2	10	2	43	-	-	36	301F
608B	21	18	375	14	43	-	2- 1/16	9- 7/8	2- 1/16	43	-	-	36	301F
608B	18	15	375	14	43	-	2- 3/16	9- 5/8	2- 3/16	43	-	-	36	301F
608B	15	12	375	14	43	-	2- 1/4	9- 1/2	2- 1/4	43	-	-	36	301F
608B	12	9	375	14	43	-	2- 3/8	9- 1/4	2- 3/8	43	-	-	36	301F
608B	9	7	375	14	43	-	2- 7/16	9- 1/8	2- 7/16	43	-	-	36	301G
608B	7	5	375	14	43	-	4	6	4	43	-	-	36	301J
608B	5	3	375	14	43	-	4	6	4	43	-	-	36	301J
608B	3	1	375	14	43	-	4	6	4	43	-	-	36	301J
608B	1	274	375	14	43	-	2- 7/8	8- 1/4	2- 7/8	43	-	-	36	301H
608B	274	242	375	14	43	-	3- 1/8	8	3	43	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

LESLIE E. ROBERTSON
No. 34360

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
701B	106	104	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
701B	104	101	111	-	-	12WF 92	-	-	-	-	-	-	42	101B
701B	101	98	111	-	-	12WF120	-	-	-	-	-	-	42	101B
701B	98	95	111	-	-	12WF161	-	-	-	-	-	-	42	304H
701B	95	92	377	15	14	-	15/16	13- 1/4	7/8	14	-	-	42	301C
701B	92	89	377	15	14	-	1- 1/8	12- 3/4	1- 1/8	14	-	-	42	301C
701B	89	86	377	15	14	-	1- 5/16	12- 3/8	1- 5/16	14	-	-	42	301D
701B	86	83	377	15	14	-	1- 1/2	12	1- 1/2	14	-	-	42	301D
701B	83	80	377	15	14	-	1- 5/8	11- 3/4	1- 5/8	14	-	-	42	301E
701B	80	77	377	15	14	-	1- 7/8	11- 3/8	1-13/16	14	-	-	42	302G
701B	77	75	381	15	37	-	1- 7/16	12- 1/4	1- 3/8	37	-	-	36	301D
701B	75	72	381	15	37	-	1- 3/16	12- 5/8	1- 3/16	37	-	-	36	301D
701B	72	69	381	15	37	-	1- 1/4	12- 1/2	1- 1/4	37	-	-	36	301D
701B	69	66	381	15	37	-	1- 7/16	12- 1/8	1- 7/16	37	-	-	36	301D
701B	66	63	381	15	37	-	1- 7/16	12- 1/4	1- 3/8	37	-	-	36	301D
701B	63	60	381	15	37	-	1- 1/2	12- 1/8	1- 7/16	37	-	-	36	301D
701B	60	57	381	15	37	-	1- 9/16	11- 7/8	1- 9/16	37	-	-	36	301E
701B	57	54	381	15	37	-	1- 5/8	11- 3/4	1- 5/8	37	-	-	36	301E
701B	54	51	381	15	37	-	1-11/16	11- 5/8	1-11/16	37	-	-	36	301E
701B	51	48	381	15	37	-	1- 3/4	11- 1/2	1- 3/4	37	-	-	36	301E
701B	48	45	381	15	37	-	1-13/16	11- 3/8	1-13/16	37	-	-	36	301E
701B	45	43	381	15	37	-	1- 7/8	11- 1/4	1- 7/8	37	-	-	36	301E
701B	43	41	381	15	37	-	2-13/16	9- 3/8	2-13/16	37	-	-	36	301G
701B	41	39	381	15	37	-	2- 1/8	10- 3/4	2- 1/8	37	-	-	36	301F
701B	39	36	381	15	37	-	2- 1/4	10- 1/2	2- 1/4	37	-	-	36	301F
701B	36	33	381	15	37	-	2- 3/8	10- 1/4	2- 3/8	37	-	-	36	301G
701B	33	30	381	15	37	-	2- 1/2	10	2- 1/2	37	-	-	36	301G
701B	30	27	381	15	37	-	2- 5/8	9- 3/4	2- 5/8	37	-	-	36	301G
701B	27	24	381	15	37	-	2- 3/4	9- 5/8	2 11/16	37	-	-	36	301G
701B	24	21	381	15	37	-	2-13/16	9- 3/8	2-13/16	37	-	-	36	301G
701B	21	18	381	15	37	-	2-15/16	9- 1/8	2-15/16	37	-	-	36	301H
701B	18	15	381	15	37	-	3- 1/8	9	3	37	-	-	36	301H
701B	15	12	381	15	37	-	3- 1/4	8- 3/4	3- 1/8	37	-	-	36	301H
701B	12	9	381	15	37	-	3- 3/8	8- 1/4	3- 3/8	37	-	-	36	301H
701B	9	7	381	15	37	-	3- 3/8	8- 1/4	3- 3/8	37	-	-	36	301H
701B	7	5	381	15	37	-	4- 1/2	6	4- 1/2	37	-	-	36	301J
701B	5	3	381	15	37	-	4- 1/2	6	4- 1/2	37	-	-	36	301J
701B	3	1	381	15	37	-	4- 1/2	6	4- 1/2	37	-		36	301J
701B	1	274	381	15	37	-	3- 7/8	7- 1/4	3- 7/8	37	-	-	36	301J
701B	274	242	381	15	37	-	4- 1/8	6- 3/4	4- 1/8	37	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
702B	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
702B	104	101	112	-	-	14WF111	-	-	-	-	-	-	36	101H
702B	101	98	112	-	-	14WF150	-	-	-	-	-	-	36	101G
702B	98	95	112	-	-	14WF176	-	-	-	-	-	-	36	101G
702B	95	92	112	-	-	14WF211	-	-	-	-	-	-	36	101F
702B	92	89	112	-	-	14WF237	-	-	-	-	-	-	36	101F
702B	89	86	112	-	-	14WF264	-	-	-	-	-	-	36	101F
702B	86	83	112	-	-	14WF287	-	-	-	-	-	-	36	101E
702B	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	101E
702B	80	77	112	-	-	14WF314	-	-	-	-	-	-	36	101D
702B	77	75	112	-	-	14WF500	-	-	-	-	-	-	36	101K
702B	75	72	112	-	-	14WF398	-	-	-	-	-	-	36	101D
702B	72	69	112	-	-	14WF426	-	-	-	-	-	-	36	101D
702B	69	66	112	-	-	14WF455	-	-	-	-	-	-	36	101K
702B	66	63	112	-	-	14WF455	-	-	-	-	-	-	36	101K
702B	63	60	112	-	-	14WF500	-	-	-	-	-	-	36	101K
702B	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
702B	57	54	112	-	-	14WF550	-	-	-	-	-	-	36	101L
702B	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
702B	51	48	112	-	-	14WF605	-	-	-	-	-	-	36	101L
702B	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
702B	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101M
702B	43	41	112	-	-	14WF730	-	-	-	-	-	-	36	101M
702B	41	39	112	-	-	14WF730	-	-	-	-	-	-	36	101M
702B	39	36	112	-	-	14WF730	-	-	-	-	-	-	36	202C
702B	36	33	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
702B	33	30	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
702B	30	27	215	-	-	14WF730	7/8	16	-	-	-	-	36	215A
702B	27	24	215	-	-	14WF730	1- 1/8	16	-	-	-	-	36	215B
702B	24	21	215	-	-	14WF730	1- 3/8	16	-	-	-	-	36	215C
702B	21	18	215	-	-	14WF730	1- 9/16	16	-	-	-	-	36	215C
702B	18	15	215	-	-	14WF730	1-13/16	16	-	-	-	-	36	215C
702B	15	12	215	-	-	14WF730	2- 1/16	16	-	-	-	-	36	215C
702B	12	9	215	-	-	14WF730	2- 5/16	16	-	-	-	-	36	215C
702B	9	7	215	-	-	14WF730	2- 9/16	16	-	-	-	-	36	304Q
702B	7	5	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
702B	5	3	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
702B	3	1	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
702B	1	274	356	26	30	-	3- 1/4	19- 1/2	3- 1/4	30	-	-	36	301H
702B	274	242	356	26	30	-	3- 1/2	19- 1/4	3- 3/8	30	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
703B	106	104	112	-	-	14WF 48	-	-	-	-	-	-	42	101J
703B	104	101	112	-	-	14WF 61	-	-	-	-	-	-	42	101H
703B	101	98	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
703B	98	95	112	-	-	14WF103	-	-	-	-	-	-	36	101H
703B	95	92	112	-	-	14WF127	-	-	-	-	-	-	36	101H
703B	92	89	112	-	-	14WF142	-	-	-	-	-	-	36	101G
703B	89	86	112	-	-	14WF158	-	-	-	-	-	-	36	101G
703B	86	83	112	-	-	14WF176	-	-	-	-	-	-	36	101G
703B	83	80	112	-	-	14WF193	-	-	-	-	-	-	36	101G
703B	80	77	112	-	-	14WF193	-	-	-	-	-	-	36	101G
703B	77	75	112	-	-	14WF342	-	-	-	-	-	-	45	304J
703B	75	72	382	16	34	-	13/16	14- 3/8	13/16	34	-	-	36	301B
703B	72	69	382	16	34	-	7/8	14- 1/4	7/8	34	-	-	36	301C
703B	69	66	382	16	34	-	15/16	14- 1/8	15/16	34	-	-	36	301C
703B	66	63	382	16	34	-	15/16	14- 1/8	15/16	34	-	-	36	301C
703B	63	60	382	16	34	-	1	14- 1/8	15/16	34	-	-	36	301C
703B	60	57	382	16	34	-	1- 1/16	14	1	34	-	-	36	301C
703B	57	54	382	16	34	-	1- 1/16	13- 7/8	1- 1/16	34	-	-	36	301C
703B	54	51	382	16	34	-	1- 1/8	13- 3/4	1- 1/8	34	-	-	36	301C
703B	51	48	382	16	34	-	1- 3/16	13- 5/8	1- 3/16	34	-	-	36	301D
703B	48	45	382	16	34	-	1- 1/4	13- 1/2	1- 1/4	34	-	-	36	301D
703B	45	43	382	16	34	-	1- 3/8	13- 1/4	1- 3/8	34	-	-	36	301D
703B	43	41	382	16	34	-	2	12	2	34	-	-	36	301F
703B	41	39	382	16	34	-	1- 1/2	13	1- 1/2	34	-	-	36	301D
703B	39	36	382	16	34	-	1- 9/16	13	1- 1/2	34	-	-	36	301E
703B	36	33	382	16	34	-	1- 5/8	12- 7/8	1- 9/16	34	-	-	36	301E
703B	33	30	382	16	34	-	1- 5/8	12- 3/4	1- 5/8	34	-	-	36	301E
703B	30	27	382	16	34	-	1-11/16	12- 5/8	1-11/16	34	-	-	36	301E
703B	27	24	382	16	34	-	1-13/16	12- 1/2	1- 3/4	34	-	-	36	301E
703B	24	21	382	16	34	-	1- 7/8	12- 3/8	1-13/16	34	-	-	36	301E
703B	21	18	382	16	34	-	1-15/16	12- 1/4	1- 7/8	34	-	-	36	301F
703B	18	15	382	16	34	-	2	12- 1/8	1-15/16	34	-	-	36	301F
703B	15	12	382	16	34	-	2- 1/16	12	2	34	-	-	36	301F
703B	12	9	382	16	34	-	2- 1/8	11- 3/4	2- 1/8	34	-	-	36	301F
703B	9	7	382	16	34	-	2- 3/16	11- 3/4	2- 1/8	34	-	-	36	301F
703B	7	5	382	16	34	-	3- 3/8	9- 1/4	3- 3/8	34	-	-	36	301H
703B	5	3	382	16	34	-	3- 3/8	9- 1/4	3- 3/8	34	-	-	36	301H
703B	3	1	382	16	34	-	3- 3/8	9- 1/4	3- 3/8	34	-	-	36	301H
703B	1	274	382	16	34	-	2- 7/16	11- 1/8	2- 7/16	34	-	-	36	301G
703B	274	242	382	16	34	-	2- 9/16	11	2- 1/2	34	-	-	36	602A

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PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
704B	106	104	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
704B	104	101	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
704B	101	98	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
704B	98	95	112	-	-	14WF 53	-	-	-	-	-	-	50	101J
704B	95	92	112	-	-	14WF 61	-	-	-	-	-	-	50	101H
704B	92	89	112	-	-	14WF 68	-	-	-	-	-	-	50	101H
704B	89	86	112	-	-	14WF 74	-	-	-	-	-	-	36	101H
704B	86	83	112	-	-	14WF 78	-	-	-	-	-	-	36	101H
704B	83	80	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
704B	80	77	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
704B	77	75	112	-	-	14WF127	-	-	-	-	-	-	50	101H
704B	75	72	112	-	-	14WF111	-	-	-	-	-	-	42	101H
704B	72	69	112	-	-	14WF119	-	-	-	-	-	-	42	101H
704B	69	66	112	-	-	14WF119	-	-	-	-	-	-	42	101H
704B	66	63	112	-	-	14WF127	-	-	-	-	-	-	42	101H
704B	63	60	112	-	-	14WF127	-	-	-	-	-	-	42	101H
704B	60	57	112	-	-	14WF136	-	-	-	-	-	-	42	101H
704B	57	54	112	-	-	14WF142	-	-	-	-	-	-	42	101G
704B	54	51	112	-	-	14WF150	-	-	-	-	-	-	42	101G
704B	51	48	112	-	-	14WF158	-	-	-	-	-	-	42	101G
704B	48	45	112	-	-	14WF167	-	-	-	-	-	-	42	101G
704B	45	43	112	-	-	14WF184	-	-	-	-	-	-	42	101G
704B	43	41	112	-	-	14WF246	-	-	-	-	-	-	42	101F
704B	41	39	112	-	-	14WF193	-	-	-	-	-	-	42	101G
704B	39	36	112	-	-	14WF193	-	-	-	-	-	-	42	101G
704B	36	33	112	-	-	14WF202	-	-	-	-	-	-	42	101F
704B	33	30	112	-	-	14WF211	-	-	-	-	-	-	42	101F
704B	30	27	112	-	-	14WF219	-	-	-	-	-	-	42	101F
704B	27	24	112	-	-	14WF228	-	-	-	-	-	-	42	101F
704B	24	21	112	-	-	14WF237	-	-	-	-	-	-	42	101F
704B	21	18	112	-	-	14WF237	-	-	-	-	-	-	42	101F
704B	18	15	112	-	-	14WF246	-	-	-	-	-	-	42	101F
704B	15	12	112	-	-	14WF264	-	-	-	-	-	-	42	101F
704B	12	9	112	-	-	14WF264	-	-	-	-	-	-	42	101F
704B	9	7	112	-	-	14WF287	-	-	-	-	-	-	42	101E
704B	7	5	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704B	5	3	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704B	3	1	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704B	1	274	112	-	-	14WF455	-	-	-	-	-	-	36	101K
704B	274	242	112	-	-	14WF500	-	-	-	-	-	-	36	602A

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LESLIE E. ROBERTSON
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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
705B	106	104	112	-	-	14WF 43	-	-	-	-	-	-	36	101J
705B	104	101	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
705B	101	98	112	-	-	14WF 43	-	-	-	-	-	-	45	101J
705B	98	95	112	-	-	14WF 43	-	-	-	-	-	-	45	101J X
705B	95	92	112	-	-	14WF 48	-	-	-	-	-	-	50	101J
705B	92	89	112	-	-	14WF 53	-	-	-	-	-	-	50	101J
705B	89	86	112	-	-	14WF 61	-	-	-	-	-	-	50	101H
705B	86	83	112	-	-	14WF 61	-	-	-	-	-	-	42	101H
705B	83	80	112	-	-	14WF 68	-	-	-	-	-	-	42	101H
705B	80	77	112	-	-	14WF 68	-	-	-	-	-	-	50	101H
705B	77	75	112	-	-	14WF111	-	-	-	-	-	-	42	101H
705B	75	72	112	-	-	14WF 95	-	-	-	-	-	-	42	101H
705B	72	69	112	-	-	14WF103	-	-	-	-	-	-	42	101H
705B	69	66	112	-	-	14WF103	-	-	-	-	-	-	42	101H
705B	66	63	112	-	-	14WF111	-	-	-	-	-	-	42	101H
705B	63	60	112	-	-	14WF119	-	-	-	-	-	-	42	101H
705B	60	57	112	-	-	14WF127	-	-	-	-	-	-	42	101H
705B	57	54	112	-	-	14WF136	-	-	-	-	-	-	42	101H
705B	54	51	112	-	-	14WF142	-	-	-	-	-	-	42	101G
705B	51	48	112	-	-	14WF150	-	-	-	-	-	-	42	101G
705B	48	45	112	-	-	14WF158	-	-	-	-	-	-	42	101G
705B	45	43	112	-	-	14WF184	-	-	-	-	-	-	42	101G
705B	43	41	112	-	-	14WF246	-	-	-	-	-	-	42	101F
705B	41	39	112	-	-	14WF193	-	-	-	-	-	-	42	101G
705B	39	36	112	-	-	14WF193	-	-	-	-	-	-	42	101G
705B	36	33	112	-	-	14WF202	-	-	-	-	-	-	42	101F
705B	33	30	112	-	-	14WF211	-	-	-	-	-	-	42	101F
705B	30	27	112	-	-	14WF219	-	-	-	-	-	-	42	101F
705B	27	24	112	-	-	14WF228	-	-	-	-	-	-	42	101F
705B	24	21	112	-	-	14WF237	-	-	-	-	-	-	42	101F
705B	21	18	112	-	-	14WF246	-	-	-	-	-	-	42	101F
705B	18	15	112	-	-	14WF264	-	-	-	-	-	-	42	101F
705B	15	12	112	-	-	14WF264	-	-	-	-	-	-	42	101F
705B	12	9	112	-	-	14WF287	-	-	-	-	-	-	42	101E
705B	9	7	112	-	-	14WF287	-	-	-	-	-	-	42	304R
705B	7	5	328	17	28	-	1- 7/8	13- 1/4	1- 7/8	28	-	-	36	301F
705B	5	3	328	17	28	-	1- 7/8	13- 1/4	1- 7/8	28	-	-	36	301F
705B	3	1	328	17	28	-	1- 7/8	13- 1/4	1- 7/8	28	-	-	36	301F
705B	1	274	328	17	28	-	1- 1/8	14- 3/4	1- 1/8	28	-	-	36	301C
705B	274	242	328	17	28	-	1- 1/4	14- 5/8	1- 3/16	28	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
706B	106	104	112	-	-	14WF 68	-	-	-	-	-	-	42	101H
706B	104	101	112	-	-	14WF 74	-	-	-	-	-	-	42	101H
706B	101	98	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
706B	98	95	112	-	-	14WF111	-	-	-	-	-	-	36	101H X
706B	95	92	112	-	-	14WF127	-	-	-	-	-	-	36	101H
706B	92	89	112	-	-	14WF142	-	-	-	-	-	-	36	101G
706B	89	86	112	-	-	14WF158	-	-	-	-	-	-	36	101G
706B	86	83	112	-	-	14WF167	-	-	-	-	-	-	36	101G
706B	83	80	112	-	-	14WF184	-	-	-	-	-	-	36	101G
706B	80	77	112	-	-	14WF184	-	-	-	-	-	-	36	101F
706B	77	75	112	-	-	14WF287	-	-	-	-	-	-	50	101E
706B	75	72	112	-	-	14WF246	-	-	-	-	-	-	36	101F
706B	72	69	112	-	-	14WF264	-	-	-	-	-	-	36	101F
706B	69	66	112	-	-	14WF287	-	-	-	-	-	-	36	101E
706B	66	63	112	-	-	14WF314	-	-	-	-	-	-	36	101E
706B	63	60	112	-	-	14WF342	-	-	-	-	-	-	36	101E
706B	60	57	112	-	-	14WF370	-	-	-	-	-	-	36	101D
706B	57	54	112	-	-	14WF370	-	-	-	-	-	-	36	101D
706B	54	51	112	-	-	14WF398	-	-	-	-	-	-	36	101D
706B	51	48	112	-	-	14WF426	-	-	-	-	-	-	36	101D
706B	48	45	112	-	-	14WF426	-	-	-	-	-	-	36	202B
706B	45	43	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
706B	43	41	214	-	-	14WF426	1	15	-	-	-	-	42	214B
706B	41	39	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
706B	39	36	214	-	-	14WF426	9/16	15	-	-	-	-	36	214A
706B	36	33	214	-	-	14WF426	3/4	15	-	-	-	-	36	214A
706B	33	30	214	-	-	14WF426	15/16	15	-	-	-	-	36	214A
706B	30	27	214	-	-	14WF426	1- 3/16	15	-	-	-	-	36	214A
706B	27	24	214	-	-	14WF426	1-11/16	15	-	-	-	-	36	304S
706B	24	21	329	17	30	-	2- 1/8	12- 3/4	2- 1/8	30	-	-	36	301F
706B	21	18	329	17	30	-	2- 1/4	12- 5/8	2- 3/16	30	-	-	36	301F
706B	18	15	329	17	30	-	2- 5/16	12- 3/8	2- 5/16	30	-	-	36	301F
706B	15	12	329	17	30	-	2- 3/8	12- 1/4	2- 3/8	30	-	-	36	301F
706B	12	9	329	17	30	-	2- 7/16	12- 1/8	2- 7/16	30	-	-	36	301G
706B	9	7	329	17	30	-	2- 1/2	12	2- 1/2	30	-	-	42	301G
706B	7	5	329	17	30	-	4- 3/8	8- 1/4	4- 3/8	30	-	-	36	301J
706B	5	3	329	17	30	-	4- 3/8	8- 1/4	4- 3/8	30	-	-	36	301J
706B	3	1	329	17	30	-	4- 3/8	8- 1/4	4- 3/8	30	-	-	36	301J
706B	1	274	329	17	30	-	2-13/16	11- 3/8	2-13/16	30	-	-	36	301J
706B	274	242	329	17	30	-	3	11- 1/8	2-15/16	30	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34960
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER **TITLE** CORE COLUMN SCHEDULE **DATE** 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-A82-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
707B	106	104	112	-	-	14WF111	-	-	-	-	-	-	36	101H
707B	104	101	112	-	-	14WF127	-	-	-	-	-	-	36	101H
707B	101	98	112	-	-	14WF150	-	-	-	-	-	-	36	101G
707B	98	95	112	-	-	14WF167	-	-	-	-	-	-	36	101G
707B	95	92	112	-	-	14WF193	-	-	-	-	-	-	36	101G
707B	92	89	112	-	-	14WF219	-	-	-	-	-	-	36	101F
707B	89	86	112	-	-	14WF246	-	-	-	-	-	-	36	101F
707B	86	83	112	-	-	14WF264	-	-	-	-	-	-	36	101F
707B	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	101E
707B	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101D
707B	77	75	112	-	-	14WF426	-	-	-	-	-	-	42	101D
707B	75	72	112	-	-	14WF370	-	-	-	-	-	-	36	101D
707B	72	69	112	-	-	14WF398	-	-	-	-	-	-	36	101D
707B	69	66	112	-	-	14WF426	-	-	-	-	-	-	36	101D
707B	66	63	112	-	-	14WF426	-	-	-	-	-	-	36	101D
707B	63	60	112	-	-	14WF455	-	-	-	-	-	-	36	101K
707B	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
707B	57	54	112	-	-	14WF500	-	-	-	-	-	-	36	101K
707B	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
707B	51	48	112	-	-	14WF550	-	-	-	-	-	-	36	101L
707B	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
707B	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101M
707B	43	41	112	-	-	14WF730	-	-	-	-	-	-	36	101M
707B	41	39	112	-	-	14WF665	-	-	-	-	-	-	36	101M
707B	39	36	112	-	-	14WF730	-	-	-	-	-	-	36	101M
707B	36	33	112	-	-	14WF730	-	-	-	-	-	-	36	202A
707B	33	30	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
707B	30	27	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
707B	27	24	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
707B	24	21	215	-	-	14WF730	1	16	-	-	-	-	36	215A
707B	21	18	215	-	-	14WF730	1- 5/16	16	-	-	-	-	36	215B
707B	18	15	215	-	-	14WF730	1-11/16	16	-	-	-	-	36	215C
707B	15	12	215	-	-	14WF730	1- 7/8	16	-	-	-	-	36	215C
707B	12	9	215	-	-	14WF730	2- 1/8	16	-	-	-	-	36	215C
707B	9	7	215	-	-	14WF730	2- 1/4	16	-	-	-	-	42	304Q
707B	7	5	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
707B	5	3	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
707B	3	1	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
707B	1	296	356	26	30	-	3- 1/8	19- 3/4	3- 1/8	30	-	-	36	A3

FOR TRUSS SEE PAGE 3-B3-4

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

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DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

	UPR	LWR					PLATE 1		PLATE 2		PLATE 3			LOWER
COL.NO	SPL STR	SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	SPLICE DET.NO
708B	106	104	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
708B	104	101	111	-	-	12WF120	-	-	-	-	-	-	42	101B
708B	101	98	111	-	-	12WF161	-	-	-	-	-	-	42	101A
708B	98	95	111	-	-	12WF190	-	-	-	-	-	-	42	101A
708B	95	92	111	-	-	12WF190	-	-	-	-	-	-	42	304H
708B	92	89	377	15	14	-	1- 1/4	12- 5/8	1- 3/16	14	-	-	42	301D
708B	89	86	377	15	14	-	1- 7/16	12- 1/4	1- 3/8	14	-	-	42	301D
708B	86	83	377	15	14	-	1- 9/16	11- 7/8	1- 9/16	14	-	-	42	301E
708B	83	80	377	15	14	-	1- 3/4	11- 1/2	1- 3/4	14	-	-	42	301E
708B	80	77	377	15	14	-	1- 3/4	11- 5/8	1-11/16	14	-	-	42	302G
708B	77	75	381	15	37	-	1- 3/8	12- 1/4	1- 3/8	37	-	-	36	301D
708B	75	72	381	15	37	-	1- 1/8	12- 3/4	1- 1/8	37	-	-	36	301C
708B	72	69	381	15	37	-	1- 3/16	12- 5/8	1- 3/16	37	-	-	36	301D
708B	69	66	381	15	37	-	1- 1/4	12- 1/2	1- 1/4	37	-	-	36	301D
708B	66	63	381	15	37	-	1- 5/16	12- 3/8	1- 5/16	37	-	-	36	301D
708B	63	60	381	15	37	-	1- 3/8	12- 1/4	1- 3/8	37	-	-	36	301D
708B	60	57	381	15	37	-	1- 1/2	12- 1/8	1- 7/16	37	-	-	36	301D
708B	57	54	381	15	37	-	1- 5/8	11- 7/8	1- 9/16	37	-	-	36	301E
708B	54	51	381	15	37	-	1-11/16	11- 5/8	1-11/16	37	-	-	36	301E
708B	51	48	381	15	37	-	1- 3/4	11- 1/2	1- 3/4	37	-	-	36	301E
708B	48	45	381	15	37	-	1- 7/8	11- 3/8	1-13/16	37	-	-	36	301E
708B	45	43	381	15	37	-	2- 1/16	10- 7/8	2- 1/16	37	-	-	36	301F
708B	43	41	381	15	37	-	2- 7/8	9- 1/4	2- 7/8	37	-	-	36	301H
708B	41	39	381	15	37	-	2- 3/16	10- 5/8	2- 3/16	37	-	-	36	301F
708B	39	36	381	15	37	-	2- 1/4	10- 1/2	2- 1/4	37	-	-	36	301F
708B	36	33	381	15	37	-	2- 3/8	10- 3/8	2- 5/16	37	-	-	36	301G
708B	33	30	381	15	37	-	2- 7/16	10- 1/8	2- 7/16	37	-	-	36	301G
708B	30	27	381	15	37	-	2- 9/16	10	2- 1/2	37	-	-	36	301G
708B	27	24	381	15	37	-	2- 5/8	9- 3/4	2- 5/8	37	-	-	36	301G
708B	24	21	381	15	37	-	2- 3/4	9- 5/8	2-11/16	37	-	-	36	301G
708B	21	18	381	15	37	-	2-13/16	9- 3/8	2-13/16	37	-	-	36	301G
708B	18	15	381	15	37	-	3	9	3	37	-	-	36	301H
708B	15	12	381	15	37	-	3- 1/8	8- 3/4	3- 1/8	37	-	-	36	301H
708B	12	9	381	15	37	-	3- 3/8	8- 1/4	3- 3/8	37	-	-	36	301H
708B	9	7	381	15	37	-	4	7	4	37	-	-	42	301J
708B	7	5	381	15	37	-	4- 5/8	5- 3/4	4- 5/8	37	-	-	36	301J
708B	5	3	381	15	37	-	4- 5/8	5- 3/4	4- 5/8	37	-	-	36	301J
708B	3	1	381	15	37	-	4- 5/8	5- 3/4	4- 5/8	37	-	-	36	301J
708B	1	274	381	15	37	-	3- 7/8	7- 1/2	3- 3/4	37	-	-	36	301J
708B	274	242	381	15	37	-	4- 1/8	6- 3/4	4- 1/8	37	-	-	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
801B	106	104	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
801B	104	101	111	-	-	12WF120	-	-	-	-	-	-	42	101B
801B	101	98	111	-	-	12WF161	-	-	-	-	-	-	42	101A
801B	98	95	111	-	-	12WF161	-	-	-	-	-	-	42	304E
801B	95	92	378	15	16	-	1- 1/16	12- 7/8	1- 1/16	16	-	-	42	301C X
801B	92	89	378	15	16	-	1- 3/16	12- 5/8	1- 3/16	16	-	-	42	301D
801B	89	86	378	15	16	-	1- 5/16	12- 3/8	1- 5/16	16	-	-	42	301D
801B	86	83	378	15	16	-	1- 3/8	12- 1/4	1- 3/8	16	-	-	42	301D
801B	83	80	378	15	16	-	1- 1/2	12	1- 1/2	16	-	-	42	301D
801B	80	77	378	15	16	-	1- 7/16	12- 1/8	1- 7/16	16	-	-	42	302F
801B	77	75	380	15	34	-	1- 3/8	12- 1/4	1- 3/8	34	-	-	36	301D
801B	75	72	380	15	34	-	1- 3/16	12- 3/4	1- 1/8	34	-	-	36	301D
801B	72	69	380	15	34	-	1- 1/4	12- 5/8	1- 3/16	34	-	-	36	301D
801B	69	66	380	15	34	-	1- 5/16	12- 3/8	1- 5/16	34	-	-	36	301D
801B	66	63	380	15	34	-	1- 3/8	12- 1/4	1- 3/8	34	-	-	36	301D
801B	63	60	380	15	34	-	1- 1/2	12	1- 1/2	34	-	-	36	301D
801B	60	57	380	15	34	-	1- 5/8	11- 7/8	1- 9/16	34	-	-	36	301E
801B	57	54	380	15	34	-	1-11/16	11- 5/8	1-11/16	34	-	-	36	301E
801B	54	51	380	15	34	-	1-13/16	11- 3/8	1-13/16	34	-	-	36	301E
801B	51	48	380	15	34	-	1-15/16	11- 1/8	1-15/16	34	-	-	36	301F
801B	48	45	380	15	34	-	2	11	2	34	-	-	36	301F
801B	45	43	380	15	34	-	2- 5/16	10- 3/8	2- 5/16	34	-	-	42	301F
801B	43	41	380	15	34	-	3- 1/4	8- 1/2	3- 1/4	34	-	-	36	301H
801B	41	39	380	15	34	-	2- 3/8	10- 1/4	2- 3/8	34	-	-	36	301G
801B	39	36	380	15	34	-	2- 1/2	10- 1/8	2- 7/16	34	-	-	36	301G
801B	36	33	380	15	34	-	2- 9/16	9- 7/8	2- 9/16	34	-	-	36	301G
801B	33	30	380	15	34	-	2-11/16	9- 5/8	2-11/16	34	-	-	36	301G
801B	30	27	380	15	34	-	2-13/16	9- 3/8	2-13/16	34	-	-	36	301G
801B	27	24	380	15	34	-	2- 7/8	9- 1/4	2- 7/8	34	-	-	36	301H
801B	24	21	380	15	34	-	3	9	3	34	-	-	36	301H
801B	21	18	380	15	34	-	3- 1/8	8- 3/4	3- 1/8	34	-	-	36	301H
801B	18	15	380	15	34	-	3- 1/4	8- 1/2	3- 1/4	34	-	-	36	301H
801B	15	12	380	15	34	-	3- 3/8	8- 1/4	3- 3/8	34	-	-	36	301H
801B	12	9	380	15	34	-	3- 5/8	7- 3/4	3- 5/8	34	-	-	36	301J
801B	9	7	380	15	34	-	3- 5/8	7- 3/4	3- 5/8	34	-	-	42	301J
801B	7	5	380	15	34	-	5	5	5	34	-	-	36	301L
801B	5	3	380	15	34	-	5	5	5	34	-	-	36	301L
801B	3	1	380	15	34	-	5	5	5	34	-	-	36	301L
801B	1	274	380	15	34	-	4- 1/8	6- 3/4	4- 1/8	34	-	-	36	301K
801B	274	242	380	15	34	-	4- 3/8	6- 1/4	4- 3/8	34	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
802B	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
802B	104	101	112	-	-	14WF119	-	-	-	-	-	-	36	101H
802B	101	98	112	-	-	14WF158	-	-	-	-	-	-	36	101G
802B	98	95	112	-	-	14WF176	-	-	-	-	-	-	36	101G
802B	95	92	112	-	-	14WF228	-	-	-	-	-	-	36	101F
802B	92	89	112	-	-	14WF264	-	-	-	-	-	-	36	101F
802B	89	86	112	-	-	14WF287	-	-	-	-	-	-	36	101E
802B	86	83	112	-	-	14WF287	-	-	-	-	-	-	36	101E
802B	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	101E
802B	80	77	112	-	-	14WF370	-	-	-	-	-	-	36	101D
802B	77	75	112	-	-	14WF500	-	-	-	-	-	-	42	101K
802B	75	72	112	-	-	14WF398	-	-	-	-	-	-	36	101D
802B	72	69	112	-	-	14WF426	-	-	-	-	-	-	36	101D
802B	69	66	112	-	-	14WF455	-	-	-	-	-	-	36	101K
802B	66	63	112	-	-	14WF455	-	-	-	-	-	-	36	101K
802B	63	60	112	-	-	14WF500	-	-	-	-	-	-	36	101K
802B	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
802B	57	54	112	-	-	14WF550	-	-	-	-	-	-	36	101L
802B	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
802B	51	48	112	-	-	14WF605	-	-	-	-	-	-	36	101L
802B	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
802B	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101M
802B	43	41	112	-	-	14WF730	-	-	-	-	-	-	36	101M
802B	41	39	112	-	-	14WF730	-	-	-	-	-	-	36	101M
802B	39	36	112	-	-	14WF730	-	-	-	-	-	-	36	101M
802B	36	33	112	-	-	14WF730	-	-	-	-	-	-	36	202C
802B	33	30	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
802B	30	27	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
802B	27	24	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
802B	24	21	215	-	-	14WF730	15/16	16	-	-	-	-	36	215A
802B	21	18	215	-	-	14WF730	1- 3/16	16	-	-	-	-	36	215B
802B	18	15	215	-	-	14WF730	1- 7/16	16	-	-	-	-	36	215C
802B	15	12	215	-	-	14WF730	1-11/16	16	-	-	-	-	36	215C
802B	12	9	215	-	-	14WF730	1-15/16	16	-	-	-	-	36	215D
802B	9	7	215	-	-	14WF730	2- 3/16	16	-	-	-	-	42	304Q
802B	7	5	356	26	30	-	4- 1/2	17	4- 1/2	30	-	-	36	301J
802B	5	3	356	26	30	-	4- 1/2	17	4- 1/2	30	-		36	301J
802B	3	1	356	26	30	-	4- 1/2	17	4- 1/2	30	-		36	301J
802B	1	274	356	26	30	-	3- 1/8	19- 3/4	3- 1/8	30	-	-	36	301H
802B	274	242	356	26	30	-	3- 3/8	19- 1/4	3- 3/8	30	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

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REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
803B	106	104	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
803B	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
803B	101	98	111	-	-	12WF120	-	-	-	-	-	-	42	101B
803B	98	95	111	-	-	12WF133	-	-	-	-	-	-	42	304H
803B	95	92	379	15	17	-	3/4	13- 5/8	11/16	17	-	-	42	301B X
803B	92	89	379	15	17	-	13/16	13- 3/8	13/16	17	-	-	42	301B
803B	89	86	379	15	17	-	15/16	13- 1/4	7/8	17	-	-	42	301C
803B	86	83	379	15	17	-	15/16	13- 1/8	15/16	17	-	-	36	301C
803B	83	80	379	15	17	-	1- 1/16	13	1	17	-	-	36	301C
803B	80	77	379	15	17	-	1	13	1	17	-	-	36	301D
803B	77	75	379	15	17	-	1-11/16	11- 3/4	1- 5/8	17	-	-	36	302F
803B	75	72	380	15	34	-	13/16	13- 3/8	13/16	34	-	-	36	301B
803B	72	69	380	15	34	-	7/8	13- 1/4	7/8	34	-	-	36	301C
803B	69	66	380	15	34	-	15/16	13- 1/4	7/8	34	-	-	36	301C
803B	66	63	380	15	34	-	15/16	13- 1/8	15/16	34	-	-	36	301C
803B	63	60	380	15	34	-	1	13	1	34	-	-	36	301C
803B	60	57	380	15	34	-	1- 1/16	12- 7/8	1- 1/16	34	-	-	36	301C
803B	57	54	380	15	34	-	1- 1/8	12- 3/4	1- 1/8	34	-	-	36	301C
803B	54	51	380	15	34	-	1- 3/16	12- 5/8	1- 3/16	34	-	-	36	301D
803B	51	48	380	15	34	-	1- 1/4	12- 5/8	1- 3/16	34	-	-	36	301D
803B	48	45	380	15	34	-	1- 5/16	12- 1/2	1- 1/4	34	-	-	36	301D
803B	45	43	380	15	34	-	1- 7/16	12- 1/8	1- 7/16	34	-	-	36	301D
803B	43	41	380	15	34	-	2- 1/16	10- 7/8	2- 1/16	34	-	-	36	301F
803B	41	39	380	15	34	-	1- 9/16	11- 7/8	1- 9/16	34	-	-	36	301E
803B	39	36	380	15	34	-	1- 9/16	11- 7/8	1- 9/16	34	-	-	36	301E
803B	36	33	380	15	34	-	1-11/16	11- 3/4	1- 5/8	34	-	-	36	301E
803B	33	30	380	15	34	-	1- 3/4	11- 5/8	1-11/16	34	-	-	36	301E
803B	30	27	380	15	34	-	1-13/16	11- 1/2	1- 3/4	34	-	-	36	301E
803B	27	24	380	15	34	-	1- 7/8	11- 3/8	1-13/16	34	-	-	36	301E
803B	24	21	380	15	34	-	1-15/16	11- 1/8	1-15/16	34	-	-	36	301F
803B	21	18	380	15	34	-	2	11	2	34	-	-	36	301F
803B	18	15	380	15	34	-	2- 1/16	10- 7/8	2- 1/16	34	-	-	36	301F
803B	15	12	380	15	34	-	2- 1/8	10- 3/4	2- 1/8	34	-	-	36	301F
803B	12	9	380	15	34	-	2- 3/16	10- 5/8	2- 3/16	34	-	-	36	301F
803B	9	7	380	15	34	-	2- 1/4	10- 1/2	2- 1/4	34	-	-	36	301F
803B	7	5	380	15	34	-	4	7	4	34	-	-	36	301J
803B	5	3	380	15	34	-	4	7	4	34	-	-	36	301J
803B	3	1	380	15	34	-	4	7	4	34	-	-	36	301J
803B	1	274	380	15	34	-	2- 9/16	9- 7/8	2- 9/16	34	-	-	36	301G
803B	274	242	380	15	34	-	2-11/16	9- 5/8	2-11/16	34	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

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REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
804B	106	104	111	-	-	12WF 40	-	-	-	-	-	-	42	101C
804B	104	101	111	-	-	12WF 50	-	-	-	-	-	-	42	101C
804B	101	98	111	-	-	12WF 65	-	-	-	-	-	-	36	101B
804B	98	95	111	-	-	12WF 79	-	-	-	-	-	-	36	101B
804B	95	92	111	-	-	12WF 92	-	-	-	-	-	-	36	101B
804B	92	89	111	-	-	12WF106	-	-	-	-	-	-	36	101B
804B	89	86	111	-	-	12WF120	-	-	-	-	-	-	36	101B
804B	86	83	111	-	-	12WF133	-	-	-	-	-	-	36	101B
804B	83	80	111	-	-	12WF161	-	-	-	-	-	-	36	101A
804B	80	77	111	-	-	12WF161	-	-	-	-	-	-	36	101A
804B	77	75	111	-	-	12WF190	-	-	-	-	-	-	42	104B
804B	75	72	112	-	-	14WF167	-	-	-	-	-	-	42	101G
804B	72	69	112	-	-	14WF176	-	-	-	-	-	-	42	101G
804B	69	66	112	-	-	14WF184	-	-	-	-	-	-	42	101G
804B	66	63	112	-	-	14WF193	-	-	-	-	-	-	42	101G
804B	63	60	112	-	-	14WF211	-	-	-	-	-	-	42	101F
804B	60	57	112	-	-	14WF219	-	-	-	-	-	-	42	101F
804B	57	54	112	-	-	14WF237	-	-	-	-	-	-	42	101F
804B	54	51	112	-	-	14WF246	-	-	-	-	-	-	42	101F
804B	51	48	112	-	-	14WF264	-	-	-	-	-	-	42	101F
804B	48	45	112	-	-	14WF287	-	-	-	-	-	-	42	101E
804B	45	43	112	-	-	14WF314	-	-	-	-	-	-	42	101E
804B	43	41	112	-	-	14WF426	-	-	-	-	-	-	42	101D
804B	41	39	112	-	-	14WF314	-	-	-	-	-	-	42	101E
804B	39	36	112	-	-	14WF342	-	-	-	-	-	-	42	101E
804B	36	33	112	-	-	14WF342	-	-	-	-	-	-	42	101E
804B	33	30	112	-	-	14WF370	-	-	-	-	-	-	42	101D
804B	30	27	112	-	-	14WF370	-	-	-	-	-	-	42	101D
804B	27	24	112	-	-	14WF370	-	-	-	-	-	-	42	101D
804B	24	21	112	-	-	14WF398	-	-	-	-	-	-	42	101D
804B	21	18	112	-	-	14WF398	-	-	-	-	-	-	42	101D
804B	18	15	112	-	-	14WF426	-	-	-	-	-	-	42	101D
804B	15	12	112	-	-	14WF426	-	-	-	-	-	-	42	101D
804B	12	9	112	-	-	14WF455	-	-	-	-	-	-	42	304R
804B	9	7	328	17	28	-	1- 5/8	13- 7/8	1- 9/16	28	-	-	42	301E
804B	7	5	328	17	28	-	3	11	3	28	-	-	36	301G
804B	5	3	328	17	28	-	3	11	3	28	-	-	36	301G
804B	3	1	328	17	28	-	3	11	3	28	-	-	36	301G
804B	1	274	328	17	28	-	1-13/16	13- 1/2	1- 3/4	28	-	-	36	301E
804B	274	242	328	17	28	-	1- 7/8	13- 1/4	1- 7/8	28	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
805B	106	104	112	-	-	14WF 74	-	-	-	-	-	-	36	101H
805B	104	101	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
805B	101	98	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
805B	98	95	112	-	-	14WF111	-	-	-	-	-	-	42	101H
805B	95	92	112	-	-	14WF119	-	-	-	-	-	-	42	101H
805B	92	89	112	-	-	14WF136	-	-	-	-	-	-	42	101H
805B	89	86	112	-	-	14WF142	-	-	-	-	-	-	42	101G
805B	86	83	112	-	-	14WF150	-	-	-	-	-	-	36	101G
805B	83	80	112	-	-	14WF158	-	-	-	-	-	-	36	101G
805B	80	77	112	-	-	14WF158	-	-	-	-	-	-	36	101G
805B	77	75	112	-	-	14WF246	-	-	-	-	-	-	42	101F
805B	75	72	112	-	-	14WF202	-	-	-	-	-	-	36	101F
805B	72	69	112	-	-	14WF202	-	-	-	-	-	-	36	101F
805B	69	66	112	-	-	14WF246	-	-	-	-	-	-	36	101F
805B	66	63	112	-	-	14WF264	-	-	-	-	-	-	36	101F
805B	63	60	112	-	-	14WF287	-	-	-	-	-	-	36	101E
805B	60	57	112	-	-	14WF314	-	-	-	-	-	-	36	101E
805B	57	54	112	-	-	14WF314	-	-	-	-	-	-	36	101E
805B	54	51	112	-	-	14WF342	-	-	-	-	-	-	36	101E
805B	51	48	112	-	-	14WF342	-	-	-	-	-	-	36	101E
805B	48	45	112	-	-	14WF370	-	-	-	-	-	-	36	101D
805B	45	43	112	-	-	14WF426	-	-	-	-	-	-	36	101D
805B	43	41	112	-	-	14WF426	-	-	-	-	-	-	42	101D
805B	41	39	112	-	-	14WF426	-	-	-	-	-	-	36	101D
805B	39	36	112	-	-	14WF426	-	-	-	-	-	-	36	202B
805B	36	33	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
805B	33	30	214	-	-	14WF426	1/2	15	-	-	-	-	36	214A
805B	30	27	214	-	-	14WF426	9/16	15	-	-	-	-	36	214A
805B	27	24	214	-	-	14WF426	7/8	15	-	-	-	-	36	214A
805B	24	21	214	-	-	14WF426	1	15	-	-	-	-	36	214A
805B	21	18	214	-	-	14WF426	1- 1/8	15	-	-	-	-	36	214A
805B	18	15	214	-	-	14WF426	1- 5/16	15	-	-	-	-	36	214A
805B	15	12	214	-	-	14WF426	1- 1/2	15	-	-	-	-	36	214A
805B	12	9	214	-	-	14WF426	1-11/16	15	-	-	-	-	36	214B
805B	9	7	214	-	-	14WF426	1- 7/8	15	-	-	-	-	42	304T
805B	7	5	330	17	34	-	3- 1/8	10- 3/4	3- 1/8	34	-	-	36	301F
805B	5	3	330	17	34	-	3- 1/8	10- 3/4	3- 1/8	34	-	-	36	301F
805B	3	1	330	17	34	-	3- 1/8	10- 3/4	3- 1/8	34	-	-	36	301F
805B	1	274	330	17	34	-	2- 3/16	12- 3/4	2- 1/8	34	-	-	36	301F
805B	274	242	330	17	34	-	2- 5/16	12- 3/8	2- 5/16	34	-	-	36	602A

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FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
806B	106	104	112	-	-	14WF111	-	-	-	-	-	-	36	101H
806B	104	101	112	-	-	14WF127	-	-	-	-	-	-	36	101H
806B	101	98	112	-	-	14WF142	-	-	-	-	-	-	36	101G
806B	98	95	112	-	-	14WF167	-	-	-	-	-	-	36	101G
806B	95	92	112	-	-	14WF184	-	-	-	-	-	-	36	101G X
806B	92	89	112	-	-	14WF211	-	-	-	-	-	-	36	101F
806B	89	86	112	-	-	14WF237	-	-	-	-	-	-	36	101F
806B	86	83	112	-	-	14WF264	-	-	-	-	-	-	36	101F
806B	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	101E
806B	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101E
806B	77	75	112	-	-	14WF426	-	-	-	-	-	-	36	101D
806B	75	72	112	-	-	14WF370	-	-	-	-	-	-	36	101D
806B	72	69	112	-	-	14WF398	-	-	-	-	-	-	36	101D
806B	69	66	112	-	-	14WF426	-	-	-	-	-	-	36	101D
806B	66	63	112	-	-	14WF426	-	-	-	-	-	-	36	101D
806B	63	60	112	-	-	14WF455	-	-	-	-	-	-	36	101K
806B	60	57	112	-	-	14WF500	-	-	-	-	-	-	36	101K
806B	57	54	112	-	-	14WF500	-	-	-	-	-	-	36	101K
806B	54	51	112	-	-	14WF550	-	-	-	-	-	-	36	101L
806B	51	48	112	-	-	14WF550	-	-	-	-	-	-	36	101L
806B	48	45	112	-	-	14WF605	-	-	-	-	-	-	36	101L
806B	45	43	112	-	-	14WF665	-	-	-	-	-	-	36	101M
806B	43	41	112	-	-	14WF730	-	-	-	-	-	-	42	101M
806B	41	39	112	-	-	14WF665	-	-	-	-	-	-	36	101M
806B	39	36	112	-	-	14WF665	-	-	-	-	-	-	36	101M
806B	36	33	112	-	-	14WF730	-	-	-	-	-	-	36	101M
806B	33	30	112	-	-	14WF730	-	-	-	-	-	-	36	101M
806B	30	27	112	-	-	14WF730	-	-	-	-	-	-	36	202C
806B	27	24	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
806B	24	21	215	-	-	14WF730	3/4	16	-	-	-	-	36	215A
806B	21	18	215	-	-	14WF730	13/16	16	-	-	-	-	36	215A
806B	18	15	215	-	-	14WF730	1- 1/8	16	-	-	-	-	36	215B
806B	15	12	215	-	-	14WF730	1- 5/16	16	-	-	-	-	36	215B
806B	12	9	215	-	-	14WF730	1- 9/16	16	-	-	-	-	36	215C
806B	9	7	215	-	-	14WF730	1-13/16	16	-	-	-	-	42	304Q
806B	7	5	356	26	30	-	4- 3/8	17- 1/4	4- 3/8	30	-	-	36	301J
806B	5	3	356	26	30	-	4- 3/8	17- 1/4	4- 3/8	30	-	-	36	301J
806B	3	1	356	26	30	-	4- 3/8	17- 1/4	4- 3/8	30	-	-	36	301J
806B	1	296	356	26	30	-	3	20	3	30	-	-	36	A3

FOR TRUSS SEE PAGE 3-B3-5

LESLIE E. ROBERTSON No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34860

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
807B	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
807B	104	101	112	-	-	14WF111	-	-	-	-	-	-	36	101H
807B	101	98	112	-	-	14WF136	-	-	-	-	-	-	36	101H
807B	98	95	112	-	-	14WF167	-	-	-	-	-	-	42	101G
807B	95	92	112	-	-	14WF193	-	-	-	-	-	-	42	101G X
807B	92	89	112	-	-	14WF211	-	-	-	-	-	-	42	304E
807B	89	86	378	15	16	-	1- 1/4	12- 1/2	1- 1/4	16	-	-	42	301D
807B	86	83	378	15	16	-	1- 3/8	12- 1/4	1- 3/8	16	-	-	42	301D
807B	83	80	378	15	16	-	1- 1/2	12	1- 1/2	16	-	-	42	301D
807B	80	77	378	15	16	-	1- 1/2	12	1- 1/2	16	-	-	42	302F
807B	77	75	380	15	34	-	1- 3/8	12- 1/4	1- 3/8	34	-	-	36	301D
807B	75	72	380	15	34	-	1- 3/16	12- 3/4	1- 1/8	34	-	-	36	301D
807B	72	69	380	15	34	-	1- 1/4	12- 1/2	1- 1/4	34	-	-	36	301D
807B	69	66	380	15	34	-	1- 5/16	12- 3/8	1- 5/16	34	-	-	36	301D
807B	66	63	380	15	34	-	1- 3/8	12- 3/8	1- 5/16	34	-	-	36	301D
807B	63	60	380	15	34	-	1- 7/16	12- 1/8	1- 7/16	34	-	-	36	301D
807B	60	57	380	15	34	-	1- 1/2	12	1- 1/2	34	-	-	36	301D
807B	57	54	380	15	34	-	1- 5/8	11- 7/8	1- 9/16	34	-	-	36	301E
807B	54	51	380	15	34	-	1-11/16	11- 5/8	1-11/16	34	-	-	36	301E
807B	51	48	380	15	34	-	1-13/16	11- 3/8	1-13/16	34	-	-	36	301E
807B	48	45	380	15	34	-	1-15/16	11- 1/4	1- 7/8	34	-	-	36	301F
807B	45	43	380	15	34	-	2- 3/16	10- 5/8	2- 3/16	34	-	-	42	301F
807B	43	41	380	15	34	-	3- 1/8	9	3	34	-	-	36	301H
807B	41	39	380	15	34	-	2- 1/4	10- 1/2	2- 1/4	34	-	-	36	301F
807B	39	36	380	15	34	-	2- 5/16	10- 3/8	2- 5/16	34	-	-	36	301F
807B	36	33	380	15	34	-	2- 7/16	10- 1/8	2- 7/16	34	-	-	36	301G
807B	33	30	380	15	34	-	2- 1/2	10	2- 1/2	34	-	-	36	301G
807B	30	27	380	15	34	-	2- 5/8	9- 3/4	2- 5/8	34	-	-	36	301G
807B	27	24	380	15	34	-	2- 3/4	9- 5/8	2-11/16	34	-	-	36	301G
807B	24	21	380	15	34	-	2-13/16	9- 3/8	2-13/16	34	-	-	36	301G
807B	21	18	380	15	34	-	2-15/16	9- 1/8	2-15/16	34	-	-	36	301H
807B	18	15	380	15	34	-	3- 1/8	8- 3/4	3- 1/8	34	-	-	36	301H
807B	15	12	380	15	34	-	3- 1/4	8- 1/2	3- 1/4	34	-	-	36	301H
807B	12	9	380	15	34	-	3- 3/8	8- 1/4	3- 3/8	34	-	-	36	301J
807B	9	7	380	15	34	-	4	7	4	34	-	-	42	301J
807B	7	5	380	15	34	-	4- 7/8	5- 1/4	4- 7/8	34	-	-	36	301J
807B	5	3	380	15	34	-	4- 7/8	5- 1/4	4- 7/8	34	-	-	36	301J
807B	3	1	380	15	34	-	4- 7/8	5- 1/4	4- 7/8	34	-	-	36	301J
807B	1	274	380	15	34	-	3- 7/8	7- 1/4	3- 7/8	34	-	-	36	301J
807B	274	242	380	15	34	-	4- 1/4	6- 3/4	4- 1/8	34	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
9018	106	104	111	-	-	12WF 72	-	-	-	-	-	-	42	101B
9018	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
9018	101	98	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
9018	98	95	111	-	-	12WF120	-	-	-	-	-	-	36	101B
9018	95	92	111	-	-	12WF161	-	-	-	-	-	-	36	101B X
9018	92	89	111	-	-	12WF190	-	-	-	-	-	-	36	101A
9018	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202A
9018	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
9018	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
9018	80	77	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
9018	77	75	213	-	-	12WF190	1- 7/16	14	-	-	-	-	36	104A
9018	75	72	112	-	-	14WF287	-	-	-	-	-	-	36	101E
9018	72	69	112	-	-	14WF314	-	-	-	-	-	-	36	101E
9018	69	66	112	-	-	14WF342	-	-	-	-	-	-	36	101E
9018	66	63	112	-	-	14WF342	-	-	-	-	-	-	36	101E
9018	63	60	112	-	-	14WF370	-	-	-	-	-	-	36	101D
9018	60	57	112	-	-	14WF398	-	-	-	-	-	-	36	101D
9018	57	54	112	-	-	14WF398	-	-	-	-	-	-	36	101D
9018	54	51	112	-	-	14WF426	-	-	-	-	-	-	36	101D
9018	51	48	112	-	-	14WF455	-	-	-	-	-	-	36	304M
9018	48	45	371	14	22	-	2- 1/16	9- 7/8	2- 1/16	22	-	-	36	302H
9018	45	43	375	14	43	-	1- 7/16	11- 1/8	1- 7/16	43	-	-	42	301D
9018	43	41	375	14	43	-	2	10- 1/8	1-15/16	43	-	-	36	301F
9018	41	39	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
9018	39	36	375	14	43	-	1- 9/16	10- 7/8	1- 9/16	43	-	-	36	301E
9018	36	33	375	14	43	-	1- 5/8	10- 7/8	1- 9/16	43	-	-	36	301E
9018	33	30	375	14	43	-	1-11/16	10- 3/4	1- 5/8	43	-	-	36	301E
9018	30	27	375	14	43	-	1-11/16	10- 5/8	1-11/16	43	-	-	36	301E
9018	27	24	375	14	43	-	1- 3/4	10- 1/2	1- 3/4	43	-	-	36	301E
9018	24	21	375	14	43	-	1-13/16	10- 3/8	1-13/16	43	-	-	36	301E
9018	21	18	375	14	43	-	1- 7/8	10- 1/4	1- 7/8	43	-	-	36	301E
9018	18	15	375	14	43	-	1-15/16	10- 1/4	1- 7/8	43	-	-	36	301F
9018	15	12	375	14	43	-	2	10- 1/8	1-15/16	43	-	-	36	301F
9018	12	9	375	14	43	-	2- 1/16	9- 7/8	2- 1/16	43	-	-	36	301F
9018	9	7	375	14	43	-	2- 3/16	9- 5/8	2- 3/16	43	-	-	42	301F
9018	7	5	375	14	43	-	4	6	4	43	-	-	36	301J
9018	5	3	375	14	43	-	4	6	4	43	-	-	36	301J
9018	3	1	375	14	43	-	4	6	4	43	-	-	36	301J
9018	1	274	375	14	43	-	2- 1/2	9	2- 1/2	43	-	-	36	301G
9018	274	242	375	14	43	-	2- 5/8	8- 3/4	2- 5/8	43	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

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LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.N
902B	106	104	112	-	-	14WF 84	-	-	-	-	-	-	42	101H
902B	104	101	112	-	-	14WF 95	-	-	-	-	-	-	42	101H
902B	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
902B	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G
902B	95	92	112	-	-	14WF184	-	-	-	-	-	-	36	101G
902B	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
902B	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
902B	86	83	112	-	-	14WF246	-	-	-	-	-	-	36	101F
902B	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	101E
902B	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101E
902B	77	75	112	-	-	14WF398	-	-	-	-	-	-	36	101D
902B	75	72	112	-	-	14WF342	-	-	-	-	-	-	36	101E
902B	72	69	112	-	-	14WF342	-	-	-	-	-	-	36	101E
902B	69	66	112	-	-	14WF370	-	-	-	-	-	-	36	101D
902B	66	63	112	-	-	14WF370	-	-	-	-	-	-	36	101D
902B	63	60	112	-	-	14WF398	-	-	-	-	-	-	36	101D
902B	60	57	112	-	-	14WF426	-	-	-	-	-	-	36	101D
902B	57	54	112	-	-	14WF455	-	-	-	-	-	-	36	101K
902B	54	51	112	-	-	14WF455	-	-	-	-	-	-	36	101K
902B	51	48	112	-	-	14WF500	-	-	-	-	-	-	36	304N
902B	48	45	321	16	21	-	2- 9/16	11	2- 1/2	21	-	-	36	302E
902B	45	43	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
902B	43	41	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
902B	41	39	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
902B	39	36	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
902B	36	33	327	16	36	-	2	12	2	36	-	-	36	301F
902B	33	30	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
902B	30	27	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
902B	27	24	327	16	36	-	2- 3/16	11- 5/8	2- 3/16	36	-	-	36	301F
902B	24	21	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
902B	21	18	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
902B	18	15	327	16	36	-	2- 7/16	11- 1/4	2- 3/8	36	-	-	36	301G
902B	15	12	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
902B	12	9	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
902B	9	7	327	16	36	-	2- 5/8	10- 3/4	2- 5/8	36	-	-	36	301G
902B	7	5	327	16	36	-	4- 1/8	7- 3/4	4- 1/6	36	-	-	36	301K
902B	5	3	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
902B	3	1	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
902B	1	274	327	16	36	-	2-15/16	10- 1/8	2-15/16	36	-	-	36	301H
902B	274	242	327	16	36	-	3- 1/8	10	3	36	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

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REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.N
							T1	W1	T2	W2	T3	W3		
903B	106	104	112	-	-	14WF119	-	-	-	-	-	-	36	101H
903B	104	101	112	-	-	14WF136	-	-	-	-	-	-	36	101H
903B	101	98	112	-	-	14WF167	-	-	-	-	-	-	36	101G
903B	98	95	112	-	-	14WF193	-	-	-	-	-	-	36	101G
903B	95	92	112	-	-	14WF211	-	-	-	-	-	-	36	103D
903B	92	89	112	-	-	14WF237	-	-	-	-	-	-	36	103D
903B	89	86	112	-	-	14WF264	-	-	-	-	-	-	36	103E
903B	86	83	112	-	-	14WF287	-	-	-	-	-	-	36	103E
903B	83	80	112	-	-	14WF314	-	-	-	-	-	-	36	304P
903B	80	77	321	16	21	-	1- 3/16	13- 5/8	1- 3/16	21	-	-	36	303D
903B	77	75	322	16	24	-	1-11/16	12- 5/8	1-11/16	24	-	-	36	303E
903B	75	72	323	16	27	-	1- 1/4	13- 5/8	1- 3/16	27	-	-	36	303D
903B	72	69	324	16	30	-	1- 1/4	13- 1/2	1- 1/4	30	-	-	36	303D
903B	69	66	325	16	33	-	1- 1/4	13- 1/2	1- 1/4	33	-	-	36	303D
903B	66	63	327	16	36	-	1- 3/16	13- 3/4	1- 1/8	36	-	-	36	301D
903B	63	60	327	16	36	-	1- 1/4	13- 1/2	1- 1/4	36	-	-	36	301D
903B	60	57	327	16	36	-	1- 5/16	13- 3/8	1- 5/16	36	-	-	36	301D
903B	57	54	327	16	36	-	1- 3/8	13- 1/4	1- 3/8	36	-	-	36	301D
903B	54	51	327	16	36	-	1- 7/16	13- 1/8	1- 7/16	36	-	-	36	301D
903B	51	48	327	16	36	-	1- 1/2	13	1- 1/2	36	-	-	36	301D
903B	48	45	327	16	36	-	1- 5/8	12- 3/4	1- 5/8	36	-	-	36	301E
903B	45	43	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
903B	43	41	327	16	36	-	2- 9/16	11	2- 1/2	36	-	-	36	301G
903B	41	39	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
903B	39	36	327	16	36	-	1-15/16	12- 1/4	1- 7/8	36	-	-	36	301F
903B	36	33	327	16	36	-	2	12- 1/8	1-15/16	36	-	-	36	301F
903B	33	30	327	16	36	-	2- 1/16	12	2	36	-	-	36	301F
903B	30	27	327	16	36	-	2- 1/8	11- 7/8	2- 1/16	36	-	-	36	301F
903B	27	24	327	16	36	-	2- 3/16	11- 3/4	2- 1/8	36	-	-	36	301F
903B	24	21	327	16	36	-	2- 1/4	11- 5/8	2- 3/16	36	-	-	36	301F
903B	21	18	327	16	36	-	2- 5/16	11- 1/2	2- 1/4	36	-	-	36	301F
903B	18	15	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
903B	15	12	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
903B	12	9	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
903B	9	7	327	16	36	-	2- 9/16	10- 7/8	2- 9/16	36	-	-	36	301G
903B	7	5	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
903B	5	3	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
903B	3	1	327	16	36	-	4- 1/8	7- 3/4	4- 1/8	36	-	-	36	301K
903B	1	274	327	16	36	-	2- 7/8	10- 1/4	2- 7/8	36	-	-	36	301H
903B	274	242	327	16	36	-	2-15/16	10- 1/8	2-15/16	36	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

LESLIE E. ROBERTSON
No. 34360

	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3			LOWER SPLICE DET.NO
COL.NO							T1	W1	T2	W2	T3	W3	FY	
FOR	111	106	SEE DRAWING BOOK 9											
										FOR STORY 106 SPLICE SEE DWG 3-AB2-3				
904B	106	104	111	-	-	12WF 45	-	-	-	-	-	-	36	101C
904B	104	101	111	-	-	12WF 58	-	-	-	-	-	-	36	101B
904B	101	98	111	-	-	12WF 79	-	-	-	-	-	-	36	101B
904B	98	95	111	-	-	12WF 92	-	-	-	-	-	-	36	101B
904B	95	92	111	-	-	12WF120	-	-	-	-	-	-	36	101B
904B	92	89	111	-	-	12WF133	-	-	-	-	-	-	36	101B
904B	89	86	111	-	-	12WF161	-	-	-	-	-	-	36	101A
904B	86	83	111	-	-	12WF161	-	-	-	-	-	-	36	101A
904B	83	80	111	-	-	12WF190	-	-	-	-	-	-	36	101A
904B	80	77	111	-	-	12WF190	-	-	-	-	-	-	36	304K
904B	77	75	372	14	30	-	7/8	12- 1/4	7/8	30	-	-	36	301C
904B	75	72	372	14	30	-	11/16	12- 5/8	11/16	30	-	-	36	301A
904B	72	69	372	14	30	-	3/4	12- 1/2	3/4	30	-	-	36	301B
904B	69	66	372	14	30	-	13/16	12- 3/8	13/16	30	-	-	36	301B
904B	66	63	372	14	30	-	13/16	12- 3/8	13/16	30	-	-	36	301B
904B	63	60	372	14	30	-	7/8	12- 1/4	7/8	30	-	-	36	302C
904B	60	57	373	14	36	-	13/16	12- 3/8	13/16	36	-	-	36	301B
904B	57	54	373	14	36	-	7/8	12- 3/8	13/16	36	-	-	36	301C
904B	54	51	373	14	36	-	7/8	12- 1/4	7/8	36	-	-	36	301C
904B	51	48	373	14	36	-	15/16	12- 1/8	15/16	36	-	-	36	301C
904B	48	45	373	14	36	-	1- 1/16	12	1	36	-	-	36	301C
904B	45	43	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	42	301D
904B	43	41	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
904B	41	39	373	14	36	-	1- 3/16	11- 5/8	1- 3/16	36	-	-	36	301D
904B	39	36	373	14	36	-	1- 1/4	11- 5/8	1- 3/16	36	-	-	36	301D
904B	36	33	373	14	36	-	1- 1/4	11- 1/2	1- 1/4	36	-	-	36	301D
904B	33	30	373	14	36	-	1- 5/16	11- 3/8	1- 5/16	36	-	-	36	301D
904B	30	27	373	14	36	-	1- 3/8	11- 1/4	1- 3/8	36	-	-	36	301D
904B	27	24	373	14	36	-	1- 7/16	11- 1/4	1- 3/8	36	-	-	36	301D
904B	24	21	373	14	36	-	1- 7/16	11- 1/8	1- 7/16	36	-	-	36	301D
904B	21	18	373	14	36	-	1- 1/2	11	1- 1/2	36	-	-	36	301D
904B	18	15	373	14	36	-	1- 9/16	10- 7/8	1- 9/16	36	-	-	36	301E
904B	15	12	373	14	36	-	1- 5/8	10- 7/8	1- 9/16	36	-	-	36	301E
904B	12	9	373	14	36	-	1-11/16	10- 3/4	1- 5/8	36	-	-	36	301E
904B	9	7	373	14	36	-	1-11/16	10- 5/8	1-11/16	36	-	-	36	301E
904B	7	5	373	14	36	-	2- 5/8	8- 3/4	2- 5/8	36	-	-	36	301H
904B	5	3	373	14	36	-	2- 5/8	8- 3/4	2- 5/8	36	-	-	36	301H
904B	3	1	373	14	36	-	2- 5/8	8- 3/4	2- 5/8	36	-	-	36	301H
904B	1	274	373	14	36	-	1- 7/8	10- 1/4	1- 7/8	36	-	-	36	301E
904B	274	242	373	14	36	-	1-15/16	10- 1/8	1-15/16	36	-	-	36	602A

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
905B	106	104	111	-	-	12WF 53	-	-	-	-	-	-	42	101B
905B	104	101	111	-	-	12WF 65	-	-	-	-	-	-	42	101B
905B	101	98	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
905B	98	95	111	-	-	12WF 99	-	-	-	-	-	-	36	101B
905B	95	92	111	-	-	12WF120	-	-	-	-	-	-	36	101H
905B	92	89	111	-	-	12WF133	-	-	-	-	-	-	36	101B
905B	89	86	111	-	-	12WF161	-	-	-	-	-	-	36	304H
905B	86	83	370	14	14	-	15/16	12- 1/4	7/8	14	-	-	42	301C
905B	83	80	370	14	14	-	1	12	1	14	-	-	42	301C
905B	80	77	370	14	14	-	1	12	1	14	-	-	42	301D
905B	77	75	370	14	14	-	1-11/16	10- 3/4	1- 5/8	14	-	-	42	302D
905B	75	72	371	14	22	-	1	12	1	22	-	-	42	301C
905B	72	69	371	14	22	-	1- 1/16	11- 7/8	1- 1/16	22	-	-	42	301C
905B	69	66	371	14	22	-	1- 1/8	11- 3/4	1- 1/8	22	-	-	42	301D
905B	66	63	371	14	22	-	1- 3/16	11- 3/4	1- 1/8	22	-	-	42	301D
905B	63	60	371	14	22	-	1- 1/4	11- 1/2	1- 1/4	22	-	-	42	301D
905B	60	57	371	14	22	-	1- 5/16	11- 3/8	1- 5/16	22	-	-	42	301D
905B	57	54	371	14	22	-	1- 3/8	11- 1/4	1- 3/8	22	-	-	42	301D
905B	54	51	371	14	22	-	1- 7/16	11- 1/8	1- 7/16	22	-	-	42	301D
905B	51	48	371	14	22	-	1- 9/16	11	1- 1/2	22	-	-	42	301E
905B	48	45	371	14	22	-	1- 5/8	10- 3/4	1- 5/8	22	-	-	42	301E
905B	45	43	371	14	22	-	1-13/16	10- 3/8	1-13/16	22	-	-	42	301E
905B	43	41	371	14	22	-	2- 9/16	9	2- 1/2	22	-	-	42	301G
905B	41	39	371	14	22	-	1- 7/8	10- 1/4	1- 7/8	22	-	-	42	301E
905B	39	36	371	14	22	-	1-15/16	10- 1/8	1-15/16	22	-	-	42	301F
905B	36	33	371	14	22	-	2- 1/16	10	2	22	-	-	42	301F
905B	33	30	371	14	22	-	2- 1/8	9- 3/4	2- 1/8	22	-	-	42	301F
905B	30	27	371	14	22	-	2- 1/4	9- 1/2	2- 1/4	22	-	-	42	301F
905B	27	24	371	14	22	-	2- 5/16	9- 3/8	2- 5/16	22	-	-	42	301F
905B	24	21	371	14	22	-	2- 3/8	9- 1/4	2- 3/8	22	-	-	42	301G
905B	21	18	371	14	22	-	2- 1/2	9- 1/8	2- 7/16	22	-	-	42	301G
905B	18	15	371	14	22	-	2- 9/16	9	2- 1/2	22	-	-	42	301G
905B	15	12	371	14	22	-	2-11/16	8- 3/4	2- 5/8	22	-	-	42	301G
905B	12	9	371	14	22	-	2- 3/4	8- 1/2	2- 3/4	22	-	-	42	301G
905B	9	7	371	14	22	-	2- 7/8	8- 1/4	2- 7/8	22	-	-	42	301H
905B	7	5	371	14	22	-	5	4	5	22	-	-	36	301L
905B	5	3	371	14	22	-	5	4	5	22	-	-	36	301L
905B	3	1	371	14	22	-	5	4	5	22	-	-	36	301L
905B	1	274	371	14	22	-	3- 3/8	7- 1/2	3- 1/4	22	-	-	36	301H
905B	274	242	371	14	22	-	3- 5/8	6- 3/4	3- 5/8	22	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER LESLIE E. ROBERTSON No. 34360 UNIVERSITY OF THE STATE OF NEW YORK

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PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLIC DET.N
906B	106	104	112	-	-	14WF 84	-	-	-	-	-	-	36	101H
906B	104	101	112	-	-	14WF103	-	-	-	-	-	-	36	101H
906B	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
906B	98	95	112	-	-	14WF142	-	-	-	-	-	-	36	101G
906B	95	92	112	-	-	14WF167	-	-	-	-	-	-	36	101G
906B	92	89	112	-	-	14WF184	-	-	-	-	-	-	36	101G
906B	89	86	112	-	-	14WF211	-	-	-	-	-	-	36	101F
906B	86	83	112	-	-	14WF219	-	-	-	-	-	-	36	101F
906B	83	80	112	-	-	14WF237	-	-	-	-	-	-	36	101F
906B	80	77	112	-	-	14WF237	-	-	-	-	-	-	36	101E
906B	77	75	112	-	-	14WF370	-	-	-	-	-	-	42	101D
906B	75	72	112	-	-	14WF314	-	-	-	-	-	-	36	101E
906B	72	69	112	-	-	14WF342	-	-	-	-	-	-	36	101E
906B	69	66	112	-	-	14WF342	-	-	-	-	-	-	36	101D
906B	66	63	112	-	-	14WF370	-	-	-	-	-	-	36	101D
906B	63	60	112	-	-	14WF370	-	-	-	-	-	-	36	101D
906B	60	57	112	-	-	14WF398	-	-	-	-	-	-	36	101D
906B	57	54	112	-	-	14WF426	-	-	-	-	-	-	36	101D
906B	54	51	112	-	-	14WF455	-	-	-	-	-	-	36	101K
906B	51	48	112	-	-	14WF455	-	-	-	-	-	-	36	304N
906B	48	45	321	16	21	-	2- 5/16	11- 3/8	2- 5/16	21	-	-	36	302E
906B	45	43	327	16	36	-	1- 3/4	12- 1/2	1- 3/4	36	-	-	36	301E
906B	43	41	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
906B	41	39	327	16	36	-	1- 3/4	12- 5/8	1-11/16	36	-	-	36	301E
906B	39	36	327	16	36	-	1- 3/4	12- 1/2	1- 3/4	36	-	-	36	301E
906B	36	33	327	16	36	-	1-13/16	12- 3/8	1-13/16	36	-	-	36	301E
906B	33	30	327	16	36	-	1- 7/8	12- 1/4	1- 7/8	36	-	-	36	301E
906B	30	27	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
906B	27	24	327	16	36	-	2	12	2	36	-	-	36	301F
906B	24	21	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
906B	21	18	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
906B	18	15	327	16	36	-	2- 1/4	11- 5/8	2- 3/16	36	-	-	36	301F
906B	15	12	327	16	36	-	2- 1/4	11- 1/2	2- 1/4	36	-	-	36	301F
906B	12	9	327	16	36	-	2- 5/16	11- 3/8	2- 5/16	36	-	-	36	301F
906B	9	7	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
906B	7	5	327	16	36	-	3- 3/4	8- 1/2	3- 3/4	36	-	-	36	301K
906B	5	3	327	16	36	-	3- 3/4	8- 1/2	3- 3/4	36	-	-	36	301K
906B	3	1	327	16	36	-	3- 3/4	8- 1/2	3- 3/4	36	-	-	36	301K
906B	1	274	327	16	36	-	2- 5/8	10- 3/4	2- 5/8	36	-	-	36	301G
906B	274	242	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	602A

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34960
UNIVERSITY OF THE STATE OF NEW YORK

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
907B	106	104	112	-	-	14WF 95	-	-	-	-	-	-	36	101H
907B	104	101	112	-	-	14WF111	-	-	-	-	-	-	36	101H
907B	101	98	112	-	-	14WF127	-	-	-	-	-	-	36	101H
907B	98	95	112	-	-	14WF150	-	-	-	-	-	-	36	101G
907B	95	92	112	-	-	14WF176	-	-	-	-	-	-	36	101G ×
907B	92	89	112	-	-	14WF202	-	-	-	-	-	-	36	101F
907B	89	86	112	-	-	14WF228	-	-	-	-	-	-	36	101F
907B	86	83	112	-	-	14WF246	-	-	-	-	-	-	36	101F
907B	83	80	112	-	-	14WF287	-	-	-	-	-	-	36	101E
907B	80	77	112	-	-	14WF287	-	-	-	-	-	-	36	101E
907B	77	75	112	-	-	14WF426	-	-	-	-	-	-	42	101D
907B	75	72	112	-	-	14WF342	-	-	-	-	-	-	36	101E
907B	72	69	112	-	-	14WF370	-	-	-	-	-	-	36	101D
907B	69	66	112	-	-	14WF370	-	-	-	-	-	-	36	101D
907B	66	63	112	-	-	14WF398	-	-	-	-	-	-	36	101D
907B	63	60	112	-	-	14WF426	-	-	-	-	-	-	36	101D
907B	60	57	112	-	-	14WF455	-	-	-	-	-	-	36	101K
907B	57	54	112	-	-	14WF500	-	-	-	-	-	-	36	101K
907B	54	51	112	-	-	14WF500	-	-	-	-	-	-	36	101K
907B	51	48	112	-	-	14WF550	-	-	-	-	-	-	36	304N
907B	48	45	321	16	21	-	2-11/16	10- 3/4	2- 5/8	21	-	-	36	302E
907B	45	43	327	16	36	-	2	12- 1/8	1-15/16	36	-	-	36	301F
907B	43	41	327	16	36	-	2-11/16	10- 3/4	2- 5/8	36	-	-	36	301G
907B	41	39	327	16	36	-	1-15/16	12- 1/8	1-15/16	36	-	-	36	301F
907B	39	36	327	16	36	-	2	12	2	36	-	-	36	301F
907B	36	33	327	16	36	-	2- 1/16	11- 7/8	2- 1/16	36	-	-	36	301F
907B	33	30	327	16	36	-	2- 1/8	11- 3/4	2- 1/8	36	-	-	36	301F
907B	30	27	327	16	36	-	2- 3/16	11- 5/8	2- 3/16	36	-	-	36	301F
907B	27	24	327	16	36	-	2- 5/16	11- 1/2	2- 1/4	36	-	-	36	301F
907B	24	21	327	16	36	-	2- 3/8	11- 1/4	2- 3/8	36	-	-	36	301G
907B	21	18	327	16	36	-	2- 7/16	11- 1/8	2- 7/16	36	-	-	36	301G
907B	18	15	327	16	36	-	2- 1/2	11	2- 1/2	36	-	-	36	301G
907B	15	12	327	16	36	-	2- 5/8	10- 7/8	2- 9/16	36	-	-	36	301G
907B	12	9	327	16	36	-	2-11/16	10- 5/8	2-11/16	36	-	-	36	301G
907B	9	7	327	16	36	-	2- 3/4	10- 1/2	2- 3/4	36	-	-	36	301G
907B	7	5	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
907B	5	3	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
907B	3	1	327	16	36	-	4- 1/2	7	4- 1/2	36	-	-	36	301K
907B	1	290	327	16	36	-	3	10	3	36	-	-	36	C
907B	290	242	327	16	36	-	3- 1/4	9- 1/2	3- 1/4	36	-	-	36	D

FOR TRUSS SEE PAGE 3-B3-6

LESLIE E. ROBERTSON No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
										FOR STORY 106 SPLICE SEE DWG 3-AB2-3				
908B	106	104	111	-	-	12WF 72	-	-	-	-	-	-	42	101B
908B	104	101	111	-	-	12WF 79	-	-	-	-	-	-	42	101B
908B	101	98	111	-	-	12WF 99	-	-	-	-	-	-	42	101B
908B	98	95	111	-	-	12WF120	-	-	-	-	-	-	36	101B
908B	95	92	111	-	-	12WF133	-	-	-	-	-	-	36	101B X
908B	92	89	111	-	-	12WF161	-	-	-	-	-	-	36	101A
908B	89	86	111	-	-	12WF190	-	-	-	-	-	-	36	202A
908B	86	83	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
908B	83	80	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
908B	80	77	213	-	-	12WF190	5/16	14	-	-	-	-	36	213A
908B	77	75	213	-	-	12WF190	1- 1/4	14	-	-	-	-	36	104A
908B	75	72	112	-	-	14WF264	-	-	-	-	-	-	36	101F
908B	72	69	112	-	-	14WF287	-	-	-	-	-	-	36	101E
908B	69	66	112	-	-	14WF314	-	-	-	-	-	-	36	101E
908B	66	63	112	-	-	14WF314	-	-	-	-	-	-	36	101E
908B	63	60	112	-	-	14WF342	-	-	-	-	-	-	36	101E
908B	60	57	112	-	-	14WF370	-	-	-	-	-	-	36	101D
908B	57	54	112	-	-	14WF398	-	-	-	-	-	-	36	101D
908B	54	51	112	-	-	14WF398	-	-	-	-	-	-	36	101D
908B	51	48	112	-	-	14WF426	-	-	-	-	-	-	36	304M
908B	48	45	371	14	22	-	2- 1/16	9- 7/8	2- 1/16	22	-	-	36	302H
908B	45	43	375	14	43	-	1- 3/8	11- 1/4	1- 3/8	43	-	-	42	301D
908B	43	41	375	14	43	-	1-15/16	10- 1/4	1- 7/8	43	-	-	36	301F
908B	41	39	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
908B	39	36	375	14	43	-	1- 1/2	11	1- 1/2	43	-	-	36	301D
908B	36	33	375	14	43	-	1- 9/16	10- 7/8	1- 9/16	43	-	-	36	301E
908B	33	30	375	14	43	-	1- 5/8	10- 3/4	1- 5/8	43	-	-	36	301E
908B	30	27	375	14	43	-	1-11/16	10- 5/8	1-11/16	43	-	-	36	301E
908B	27	24	375	14	43	-	1- 3/4	10- 1/2	1- 3/4	43	-	-	36	301E
908B	24	21	375	14	43	-	1-13/16	10- 3/8	1-13/16	43	-	-	36	301E
908B	21	18	375	14	43	-	1- 7/8	10- 3/8	1-13/16	43	-	-	36	301E
908B	18	15	375	14	43	-	1-15/16	10- 1/4	1- 7/8	43	-	-	36	301F
908B	15	12	375	14	43	-	1-15/16	10- 1/8	1-15/16	43	-	-	36	301F
908B	12	9	375	14	43	-	2- 1/16	9- 7/8	2- 1/16	43	-	-	36	301F
908B	9	7	375	14	43	-	2- 3/16	9- 3/4	2- 1/8	43	-	-	36	301F
908B	7	5	375	14	43	-	4	6	4	43	-	-	36	301J
908B	5	3	375	14	43	-	4	6	4	43	-	-	36	301J
908B	3	1	375	14	43	-	4	6	4	43	-	-	36	301J
908B	1	274	375	14	43	-	2- 9/16	9	2- 1/2	43	-	-	36	301G
908B	274	242	375	14	43	-	2-11/16	8- 5/8	2-11/16	43	-	-	36	602A

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
1001B	106	104	112	-	-	14WF237	-	-	-	-	-	-	36	101F
1001B	104	101	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1001B	101	98	112	-	-	14WF370	-	-	-	-	-	-	36	101D
1001B	98	95	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1001B	95	92	112	-	-	14WF550	-	-	-	-	-	-	42	101L X
1001B	92	89	112	-	-	14WF605	-	-	-	-	-	-	42	101L
1001B	89	86	112	-	-	14WF665	-	-	-	-	-	-	36	103K
1001B	86	83	112	-	-	14WF730	-	-	-	-	-	-	36	103L
1001B	83	80	112	-	-	14WF730	-	-	-	-	-	-	36	304B
1001B	80	77	344	22	22	-	3	16- 1/8	2-15/16	22	-	-	36	302M
1001B	77	75	346	22	28	-	4- 1/4	13- 1/2	4- 1/4	28	-	-	36	302L
1001B	75	72	348	22	34	-	2- 7/8	16- 1/4	2- 7/8	34	-	-	36	302A
1001B	72	69	350	22	40	-	2- 3/4	16- 1/2	2- 3/4	40	-	-	36	302A
1001B	69	66	352	22	46	-	2- 5/8	16- 7/8	2- 9/16	46	-	-	36	302A
1001B	66	63	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
1001B	63	60	354	22	52	-	2- 5/8	16- 7/8	2- 9/16	52	-	-	36	301G
1001B	60	57	354	22	52	-	2- 3/4	16- 1/2	2- 3/4	52	-	-	36	301G
1001B	57	54	354	22	52	-	2- 7/8	16- 1/4	2- 7/8	52	-	-	36	301H
1001B	54	51	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1001B	51	48	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1001B	48	45	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1001B	45	43	354	22	52	-	4	14	4	52	-	-	36	301J
1001B	43	41	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1001B	41	39	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1001B	39	36	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1001B	36	33	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
1001B	33	30	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
1001B	30	27	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
1001B	27	24	354	22	52	-	5	12	5	52	-	-	36	301L
1001B	24	21	354	22	52	-	5- 1/4	11- 1/2	5- 1/4	52	-	-	36	301M
1001B	21	18	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1001B	18	15	354	22	52	-	5- 3/4	10- 1/2	5- 3/4	52	-	-	36	301M
1001B	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
1001B	12	9	354	22	52	-	7- 3/4	10	6	52	-	-	36	402D
1001B	9	7	463	22	52	-	5	12	5	52	3- 5/8	39	36	502A
1001B	7	5	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1001B	5	3	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1001B	3	1	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1001B	1	274	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1001B	274	242	567	22	52	-	5	12	5	52	2- 7/8	39	36	601A

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REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
											FOR STORY 106 SPLICE SEE DWG 3-AB2-3			
1002B	106	104	112	-	-	14WF136	-	-	-	-	-	-	36	101H
1002B	104	101	112	-	-	14WF167	-	-	-	-	-	-	36	101G
1002B	101	98	112	-	-	14WF219	-	-	-	-	-	-	36	101F
1002B	98	95	112	-	-	14WF264	-	-	-	-	-	-	42	101F
1002B	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E
1002B	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
1002B	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1002B	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	101K
1002B	83	80	112	-	-	14WF500	-	-	-	-	-	-	36	101K
1002B	80	77	112	-	-	14WF500	-	-	-	-	-	-	36	304E
1002B	77	75	343	22	23	-	2- 3/4	16- 1/2	2- 3/4	23	-	-	36	301G
1002B	75	72	343	22	23	-	2- 5/16	17- 3/8	2- 5/16	23	-	-	36	303F
1002B	72	69	345	22	25	-	2- 3/8	17- 1/4	2- 3/8	25	-	-	36	303G
1002B	69	66	346	22	28	-	2- 5/16	17- 1/2	2- 1/4	28	-	-	36	303G
1002B	66	63	347	22	31	-	2- 1/4	17- 1/2	2- 1/4	31	-	-	36	303F
1002B	63	60	348	22	34	-	2- 1/4	17- 1/2	2- 1/4	34	-	-	36	303F
1002B	60	57	349	22	37	-	2- 1/4	17- 1/2	2- 1/4	37	-	-	36	303F
1002B	57	54	350	22	40	-	2- 1/4	17- 1/2	2- 1/4	40	-	-	36	303F
1002B	54	51	351	22	43	-	2- 1/4	17- 1/2	2- 1/4	43	-	-	36	303F
1002B	51	48	352	22	46	-	2- 1/4	17- 1/2	2- 1/4	46	-	-	36	303F
1002B	48	45	353	22	49	-	2- 5/16	17- 3/8	2- 5/16	49	-	-	36	303F
1002B	45	43	354	22	52	-	2- 9/16	17	2- 1/2	52	-	-	36	301G
1002B	43	41	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1002B	41	39	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
1002B	39	36	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
1002B	36	33	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
1002B	33	30	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
1002B	30	27	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1002B	27	24	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1002B	24	21	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
1002B	21	18	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1002B	18	15	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
1002B	15	12	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
1002B	12	9	354	22	52	-	4	14- 1/4	3- 7/8	52	-	-	36	301J
1002B	9	7	354	22	52	-	4- 1/8	14	4	52	-	-	36	301K
1002B	7	5	354	22	52	-	5	12	5	52	-	-	36	301L
1002B	5	3	354	22	52	-	5	12	5	52	-	-	36	301L
1002B	3	1	354	22	52	-	5	12	5	52	-	-	36	301L
1002B	1	274	354	22	52	-	4- 1/2	13	4- 1/2	52	-	-	36	301K
1002B	274	242	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	602A

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No. 34560
UNIVERSITY OF THE STATE OF NEW YORK

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PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
1003B	106	104	112	-	-	14WF193	-	-	-	-	-	-	36	101G
1003B	104	101	112	-	-	14WF228	-	-	-	-	-	-	36	101F
1003B	101	98	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1003B	98	95	112	-	-	14WF342	-	-	-	-	-	-	36	101E
1003B	95	92	112	-	-	14WF398	-	-	-	-	-	-	42	101D
1003B	92	89	112	-	-	14WF455	-	-	-	-	-	-	42	101K
1003B	89	86	112	-	-	14WF550	-	-	-	-	-	-	42	103J
1003B	86	83	112	-	-	14WF605	-	-	-	-	-	-	36	103K
1003B	83	80	112	-	-	14WF665	-	-	-	-	-	-	36	103K
1003B	80	77	112	-	-	14WF665	-	-	-	-	-	-	42	304E
1003B	77	75	343	22	23	-	3- 1/2	15	3- 1/2	23	-	-	36	301J
1003B	75	72	343	22	23	-	2- 7/8	16- 1/4	2- 7/8	23	-	-	36	303H
1003B	72	69	345	22	25	-	2-15/16	16- 1/8	2-15/16	25	-	-	36	303H
1003B	69	66	346	22	28	-	2- 9/16	16- 7/8	2- 9/16	28	-	-	36	303H
1003B	66	63	347	22	31	-	2-13/16	16- 1/2	2- 3/4	31	-	-	36	303G
1003B	63	60	348	22	34	-	2-13/16	16- 1/2	2- 3/4	34	-	-	36	303G
1003B	60	57	349	22	37	-	2-13/16	16- 3/8	2-13/16	37	-	-	36	303G
1003B	57	54	350	22	40	-	2-13/16	16- 3/8	2-13/16	40	-	-	36	303G
1003B	54	51	351	22	43	-	2-13/16	16- 3/8	2-13/16	43	-	-	36	303G
1003B	51	48	352	22	46	-	2-13/16	16- 3/8	2-13/16	46	-	-	36	303G
1003B	48	45	353	22	49	-	2- 7/8	16- 1/4	2- 7/8	49	-	-	36	303H
1003B	45	43	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1003B	43	41	354	22	52	-	4- 3/8	13- 1/2	4- 1/4	52	-	-	36	301K
1003B	41	39	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1003B	39	36	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
1003B	36	33	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
1003B	33	30	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
1003B	30	27	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
1003B	27	24	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
1003B	24	21	354	22	52	-	4	14	4	52	-	-	36	301J
1003B	21	18	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1003B	18	15	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1003B	15	12	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
1003B	12	9	354	22	52	-	4- 1/2	13	4- 1/2	52	-	-	36	301K
1003B	9	7	354	22	52	-	4- 3/4	12- 3/4	4- 5/8	52	-	-	36	403B
1003B	7	5	463	22	52	-	5	12	5	52	1- 1/4	39	36	401B
1003B	5	3	463	22	52	-	5	12	5	52	1- 1/4	39	36	401B
1003B	3	1	463	22	52	-	5	12	5	52	1- 1/4	39	36	401B
1003B	1	274	463	22	52	-	5	12	5	52	15/16	39	36	401B
1003B	274	242	463	22	52	-	5	12	5	52	15/16	39	36	602A

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LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

3-B1- 43

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PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMN SCHEDULE
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REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

	UPR	LWR					PLATE 1		PLATE 2		PLATE 3			LOWER
COL.NO	SPL STR	SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	T1	W1	T2	W2	T3	W3	FY	SPLICE DET.NO
1004B	106	104	112	-	-	14WF136	-	-	-	-	-	-	36	101H
1004B	104	101	112	-	-	14WF158	-	-	-	-	-	-	36	101G
1004B	101	98	112	-	-	14WF193	-	-	-	-	-	-	36	101G
1004B	98	95	112	-	-	14WF219	-	-	-	-	-	-	36	101F
1004B	95	92	112	-	-	14WF264	-	-	-	-	-	-	36	101F
1004B	92	89	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1004B	89	86	112	-	-	14WF342	-	-	-	-	-	-	36	304D
1004B	86	83	333	16	25	-	1- 1/4	15- 1/2	1- 1/4	25	-	-	36	303D
1004B	83	80	334	18	28	-	1- 5/16	15- 1/2	1- 1/4	28	-	-	36	303D
1004B	80	77	335	18	31	-	1- 3/16	15- 5/8	1- 3/16	31	-	-	36	303D
1004B	77	75	336	18	34	-	1-11/16	14- 5/8	1-11/16	34	-	-	36	303E
1004B	75	72	337	18	37	-	1- 5/16	15- 1/2	1- 1/4	37	-	-	36	303D
1004B	72	69	338	18	40	-	1- 5/16	15- 3/8	1- 5/16	40	-	-	36	303D
1004B	69	66	339	18	43	-	1- 1/4	15- 1/2	1- 1/4	43	-	-	36	303D
1004B	66	63	340	16	46	-	1- 1/4	15- 1/2	1- 1/4	46	-	-	36	303D
1004B	63	60	341	18	49	-	1- 1/4	15- 1/2	1- 1/4	49	-	-	36	303D
1004B	60	57	342	18	52	-	1- 5/16	15- 1/2	1- 1/4	52	-	-	36	301D
1004B	57	54	342	18	52	-	1- 3/8	15- 3/8	1- 5/16	52	-	-	36	301D
1004B	54	51	342	18	52	-	1- 7/16	15- 1/4	1- 3/8	52	-	-	36	301D
1004B	51	48	342	18	52	-	1- 1/2	15	1- 1/2	52	-	-	36	301D
1004B	48	45	342	18	52	-	1- 9/16	14- 7/8	1- 9/16	52	-	-	36	301E
1004B	45	43	342	18	52	-	1- 3/4	14- 1/2	1- 3/4	52	-	-	36	301E
1004B	43	41	342	18	52	-	2- 3/8	13- 1/4	2- 3/8	52	-	-	36	301G
1004B	41	39	342	18	52	-	1- 7/8	14- 1/4	1- 7/8	52	-	-	36	301E
1004B	39	36	342	18	52	-	1- 7/8	14- 1/4	1- 7/8	52	-	-	36	301E
1004B	36	33	342	18	52	-	2	14	2	52	-	-	36	301F
1004B	33	30	342	18	52	-	2- 1/16	13- 7/8	2- 1/16	52	-	-	36	301F
1004B	30	27	342	18	52	-	2- 1/8	13- 3/4	2- 1/8	52	-	-	36	301F
1004B	27	24	342	18	52	-	2- 1/4	13- 5/8	2- 3/16	52	-	-	36	301F
1004B	24	21	342	18	52	-	2- 5/16	13- 3/8	2- 5/16	52	-	-	36	301F
1004B	21	18	342	18	52	-	2- 3/8	13- 1/4	2- 3/8	52	-	-	36	301G
1004B	18	15	342	18	52	-	2- 1/2	13- 1/8	2- 7/16	52	-	-	36	301G
1004B	15	12	342	18	52	-	2- 9/16	12- 7/8	2- 9/16	52	-	-	36	301G
1004B	12	9	342	18	52	-	2-11/16	12- 5/8	2-11/16	52	-	-	36	301G
1004B	9	7	342	18	52	-	2- 3/4	12- 1/2	2- 3/4	52	-	-	36	301G
1004B	7	5	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
1004B	5	3	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
1004B	3	1	342	18	52	-	3- 1/4	11- 1/2	3- 1/4	52	-	-	36	301H
1004B	1	274	342	18	52	-	3- 1/8	11- 3/4	3- 1/8	52	-	-	36	301H
1004B	274	242	342	16	52	-	3- 1/4	11- 3/4	3- 1/8	52	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SCHEDULE	9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
1005B	106	104	112	-	-	14WF127	-	-	-	-	-	-	36	101H
1005B	104	101	112	-	-	14WF150	-	-	-	-	-	-	36	101G
1005B	101	98	112	-	-	14WF176	-	-	-	-	-	-	36	101G
1005B	98	95	112	-	-	14WF202	-	-	-	-	-	-	36	101F
1005B	95	92	112	-	-	14WF237	-	-	-	-	-	-	36	101F X
1005B	92	89	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1005B	89	86	112	-	-	14WF314	-	-	-	-	-	-	36	304C
1005B	86	83	344	22	22	-	1- 3/16	19- 3/4	1- 1/8	22	-	-	36	303D
1005B	83	80	345	22	25	-	1- 3/16	19- 5/8	1- 3/16	25	-	-	36	303D
1005B	80	77	346	22	28	-	1- 1/16	19- 7/8	1- 1/16	28	-	-	36	303D
1005B	77	75	347	22	31	-	1- 9/16	18- 7/8	1- 9/16	31	-	-	36	303E
1005B	75	72	348	22	34	-	1- 1/4	19- 5/8	1- 3/16	34	-	-	36	303D
1005B	72	69	349	22	37	-	1- 1/4	19- 1/2	1- 1/4	37	-	-	36	303D
1005B	69	66	350	22	40	-	1- 3/16	19- 5/8	1- 3/16	40	-	-	36	303D
1005B	66	63	351	22	43	-	1- 3/16	19- 5/8	1- 3/16	43	-	-	36	303D
1005B	63	60	352	22	46	-	1- 3/16	19- 5/8	1- 3/16	46	-	-	36	303D
1005B	60	57	353	22	49	-	1- 1/4	19- 5/8	1- 3/16	49	-	-	36	303D
1005B	57	54	354	22	52	-	1- 1/4	19- 5/8	1- 3/16	52	-	-	36	301D
1005B	54	51	354	22	52	-	1- 5/16	19- 1/2	1- 1/4	52	-	-	36	301D
1005B	51	48	354	22	52	-	1- 3/8	19- 3/8	1- 5/16	52	-	-	36	301D
1005B	48	45	354	22	52	-	1- 7/16	19- 1/8	1- 7/16	52	-	-	36	301D
1005B	45	43	354	22	52	-	1- 5/8	18- 7/8	1- 9/16	52	-	-	36	301E
1005B	43	41	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
1005B	41	39	354	22	52	-	1-13/16	18- 1/2	1- 3/4	52	-	-	36	301E
1005B	39	36	354	22	52	-	1-13/16	18- 3/8	1-13/16	52	-	-	36	301E
1005B	36	33	354	22	52	-	1-15/16	18- 1/4	1- 7/8	52	-	-	36	301F
1005B	33	30	354	22	52	-	2	18	2	52	-	-	36	301F
1005B	30	27	354	22	52	-	2- 1/16	17- 7/8	2- 1/16	52	-	-	36	301F
1005B	27	24	354	22	52	-	2- 1/8	17- 3/4	2- 1/8	52	-	-	36	301F
1005B	24	21	354	22	52	-	2- 3/16	17- 5/8	2- 3/16	52	-	-	36	301F
1005B	21	18	354	22	52	-	2- 5/16	17- 1/2	2- 1/4	52	-	-	36	301F
1005B	18	15	354	22	52	-	2- 3/8	17- 1/4	2- 3/8	52	-	-	36	301G
1005B	15	12	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	36	301G
1005B	12	9	354	22	52	-	2- 9/16	16- 7/8	2- 9/16	52	-	-	36	301G
1005B	9	7	354	22	52	-	2- 5/8	16- 7/8	2- 9/16	52	-	-	36	301G
1005B	7	5	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1005B	5	3	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1005B	3	1	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1005B	1	274	354	22	52	-	2- 7/8	16- 3/8	2-13/16	52	-	-	36	301H
1005B	274	242	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMN SCHEDULE

DATE 9/30/69

REVISIONS

FOR 111 106 SEE DRAWING BOOK 9

FOR STORY 106 SPLICE SEE DWG 3-AB2-3

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
1006B	106	104	112	-	-	14WF142	-	-	-	-	-	-	36	101G
1006B	104	101	112	-	-	14WF184	-	-	-	-	-	-	36	101G
1006B	101	98	112	-	-	14WF237	-	-	-	-	-	-	42	101F
1006B	98	95	112	-	-	14WF314	-	-	-	-	-	-	42	101E
1006B	95	92	112	-	-	14WF370	-	-	-	-	-	-	42	101DX
1006B	92	89	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1006B	89	86	112	-	-	14WF500	-	-	-	-	-	-	42	101K
1006B	86	83	112	-	-	14WF550	-	-	-	-	-	-	36	103J
1006B	83	80	112	-	-	14WF605	-	-	-	-	-	-	36	103K
1006B	80	77	112	-	-	14WF605	-	-	-	-	-	-	36	304E
1006B	77	75	343	22	23	-	3- 1/4	15- 1/2	3- 1/4	23	-	-	36	301H
1006B	75	72	343	22	23	-	2- 5/8	16- 3/4	2- 5/8	23	-	-	36	303G
1006B	72	69	345	22	25	-	2- 3/4	16- 5/8	2-11/16	25	-	-	36	303G
1006B	69	66	346	22	28	-	2- 5/8	16- 3/4	2- 5/8	28	-	-	36	303G
1006B	66	63	347	22	31	-	2- 5/8	16- 7/8	2- 9/16	31	-	-	36	303G
1006B	63	60	348	22	34	-	2- 5/8	16- 3/4	2- 5/8	34	-	-	36	303G
1006B	60	57	349	22	37	-	2- 5/8	16- 3/4	2- 5/8	37	-	-	36	303G
1006B	57	54	350	22	40	-	2- 5/8	16- 3/4	2- 5/8	40	-	-	36	303G
1006B	54	51	351	22	43	-	2- 5/8	16- 3/4	2- 5/8	43	-	-	36	303G
1006B	51	48	352	22	46	-	2-11/16	16- 3/4	2- 5/8	46	-	-	36	303G
1006B	48	45	353	22	49	-	2- 3/4	16- 1/2	2- 3/4	49	-	-	36	303G
1006B	45	43	354	22	52	-	3	16	3	52	-	-	36	301H
1006B	43	41	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1006B	41	39	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1006B	39	36	354	22	52	-	3- 1/4	15- 3/4	3- 1/8	52	-	-	36	301H
1006B	36	33	354	22	52	-	3- 3/8	15- 1/2	3- 1/4	52	-	-	36	301H
1006B	33	30	354	22	52	-	3- 1/2	15- 1/4	3- 3/8	52	-	-	36	301J
1006B	30	27	354	22	52	-	3- 5/8	15	3- 1/2	52	-	-	36	301J
1006B	27	24	354	22	52	-	3- 3/4	14- 3/4	3- 5/8	52	-	-	36	301J
1006B	24	21	354	22	52	-	3- 7/8	14- 1/2	3- 3/4	52	-	-	36	301J
1006B	21	18	354	22	52	-	4	14- 1/4	3- 7/8	52	-	-	36	301J
1006B	18	15	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1006B	15	12	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1006B	12	9	354	22	52	-	4- 1/2	13- 1/4	4- 3/8	52	-	-	36	301K
1006B	9	7	354	22	52	-	4- 1/2	13- 1/4	4- 3/8	52	-	-	36	403B
1006B	7	5	463	22	52	-	5	12	5	52	15/16	39	36	401B
1006B	5	3	463	22	52	-	5	12	5	52	15/16	39	36	401B
1006B	3	1	463	22	52	-	5	12	5	52	15/16	39	36	401B
1006B	1	274	463	22	52	-	5	12- 1/2	4- 3/4	52	15/16	39	36	401B
1006B	274	242	463	22	52	-	5	12- 3/4	4- 5/8	52	15/16	39	36	602A

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
										FOR STORY 106 SPLICE SEE DWG 3-AB2-3				
1007B	106	104	112	-	-	14WF150	-	-	-	-	-	-	36	101G
1007B	104	101	112	-	-	14WF176	-	-	-	-	-	-	36	101G
1007B	101	98	112	-	-	14WF228	-	-	-	-	-	-	36	101F
1007B	98	95	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1007B	95	92	112	-	-	14WF314	-	-	-	-	-	-	42	101E X
1007B	92	89	112	-	-	14WF370	-	-	-	-	-	-	42	101D
1007B	89	86	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1007B	86	83	112	-	-	14WF455	-	-	-	-	-	-	36	101K
1007B	83	80	112	-	-	14WF500	-	-	-	-	-	-	36	101K
1007B	80	77	112	-	-	14WF500	-	-	-	-	-	-	36	304E
1007B	77	75	343	22	23	-	2-13/16	16- 1/2	2- 3/4	23	-	-	36	301G
1007B	75	72	343	22	23	-	2- 5/16	17- 3/8	2- 5/16	23	-	-	36	303F
1007B	72	69	345	22	25	-	2- 3/8	17- 1/4	2- 3/8	25	-	-	36	303G
1007B	69	66	346	22	28	-	2- 5/16	17- 1/2	2- 1/4	28	-	-	36	303G
1007B	66	63	347	22	31	-	2- 1/4	17- 1/2	2- 1/4	31	-	-	36	303F
1007B	63	60	348	22	34	-	2- 5/16	17- 1/2	2- 1/4	34	-	-	36	303F
1007B	60	57	349	22	37	-	2- 5/16	17- 1/2	2- 1/4	37	-	-	36	303F
1007B	57	54	350	22	40	-	2- 5/16	17- 1/2	2- 1/4	40	-	-	36	303F
1007B	54	51	351	22	43	-	2- 5/16	17- 1/2	2- 1/4	43	-	-	36	303F
1007B	51	48	352	22	46	-	2- 5/16	17- 1/2	2- 1/4	46	-	-	36	303F
1007B	48	45	353	22	49	-	2- 7/16	17- 1/4	2- 3/8	49	-	-	36	303G
1007B	45	43	354	22	52	-	2- 5/8	16- 3/4	2- 5/8	52	-	-	36	301G
1007B	43	41	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
1007B	41	39	354	22	52	-	2- 3/4	16- 5/8	2-11/16	52	-	-	36	301G
1007B	39	36	354	22	52	-	2-13/16	16- 3/8	2-13/16	52	-	-	36	301G
1007B	36	33	354	22	52	-	2-15/16	16- 1/8	2-15/16	52	-	-	36	301H
1007B	33	30	354	22	52	-	3- 1/8	16	3	52	-	-	36	301H
1007B	30	27	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1007B	27	24	354	22	52	-	3- 3/8	15- 1/4	3- 3/8	52	-	-	36	301H
1007B	24	21	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1007B	21	18	354	22	52	-	3- 5/8	14- 3/4	3- 5/8	52	-	-	36	301J
1007B	18	15	354	22	52	-	3- 3/4	14- 1/2	3- 3/4	52	-	-	36	301J
1007B	15	12	354	22	52	-	3- 7/8	14- 1/4	3- 7/8	52	-	-	36	301J
1007B	12	9	354	22	52	-	4- 1/8	14	4	52	-	-	36	301J
1007B	9	7	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1007B	7	5	354	22	52	-	5	12	5	52	-	-	36	301L
1007B	5	3	354	22	52	-	5	12	5	52	-	-	36	301L
1007B	3	1	354	22	52	-	5	12	5	52	-	-	36	A1

FOR TRUSS SEE PAGE 3-B3-7

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER **TITLE** CORE COLUMN SCHEDULE **DATE** 9/30/69

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1 T1	PLATE 1 W1	PLATE 2 T2	PLATE 2 W2	PLATE 3 T3	PLATE 3 W3	FY	LOWER SPLICE DET.NO
FOR	111	106	SEE DRAWING BOOK 9											
								FOR STORY 106 SPLICE SEE DWG 3-AB2-3						
1008B	106	104	112	-	-	14WF237	-	-	-	-	-	-	36	101F
1008B	104	101	112	-	-	14WF287	-	-	-	-	-	-	36	101E
1008B	101	98	112	-	-	14WF370	-	-	-	-	-	-	36	101D
1008B	98	95	112	-	-	14WF426	-	-	-	-	-	-	42	101D
1008B	95	92	112	-	-	14WF550	-	-	-	-	-	-	42	101L X
1008B	92	89	112	-	-	14WF605	-	-	-	-	-	-	42	101L
1008B	89	86	112	-	-	14WF665	-	-	-	-	-	-	36	103K
1008B	86	83	112	-	-	14WF730	-	-	-	-	-	-	36	103L
1008B	83	80	112	-	-	14WF730	-	-	-	-	-	-	36	304B
1008B	80	77	344	22	22	-	3	16- 1/8	2-15/16	22	-	-	36	302M
1008B	77	75	346	22	28	-	4- 1/4	13- 1/2	4- 1/4	28	-	-	36	302L
1008B	75	72	348	22	34	-	2- 7/8	16- 1/4	2- 7/8	34	-	-	36	302A
1008B	72	69	350	22	40	-	2- 3/4	16- 1/2	2- 3/4	40	-	-	36	302A
1008B	69	66	352	22	46	-	2- 5/8	16- 7/8	2- 9/16	46	-	-	36	302A
1008B	66	63	354	22	52	-	2- 7/16	17- 1/8	2- 7/16	52	-	-	6	01G
1008B	63	60	354	22	52	-	2- 5/8	16- 7/8	2- 9/16	52	-	-	36	301G
1008B	60	57	354	22	52	-	2- 3/4	16- 1/2	2- 3/4	52	-	-	36	301G
1008B	57	54	354	22	52	-	2- 7/8	16- 1/4	2- 7/8	52	-	-	36	301H
1008B	54	51	354	22	52	-	3- 1/8	15- 3/4	3- 1/8	52	-	-	36	301H
1008B	51	48	354	22	52	-	3- 1/4	15- 1/2	3- 1/4	52	-	-	36	301H
1008B	48	45	354	22	52	-	3- 1/2	15	3- 1/2	52	-	-	36	301J
1008B	45	43	354	22	52	-	4	14	4	52	-	-	36	301J
1008B	43	41	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1008B	41	39	354	22	52	-	4- 1/8	13- 3/4	4- 1/8	52	-	-	36	301K
1008B	39	36	354	22	52	-	4- 1/4	13- 1/2	4- 1/4	52	-	-	36	301K
1008B	36	33	354	22	52	-	4- 3/8	13- 1/4	4- 3/8	52	-	-	36	301K
1008B	33	30	354	22	52	-	4- 5/8	12- 3/4	4- 5/8	52	-	-	36	301L
1008B	30	27	354	22	52	-	4- 3/4	12- 1/2	4- 3/4	52	-	-	36	301L
1008B	27	24	354	22	52	-	5	12	5	52	-	-	36	301L
1008B	24	21	354	22	52	-	5- 1/4	11- 1/2	5- 1/4	52	-	-	36	301M
1008B	21	18	354	22	52	-	5- 1/2	11	5- 1/2	52	-	-	36	301M
1008B	18	15	354	22	52	-	5- 3/4	10- 1/2	5- 3/4	52	-	-	36	301M
1008B	15	12	354	22	52	-	6	10	6	52	-	-	36	301M
1008B	12	9	354	22	52	-	7- 3/4	10	6	52	-	-	36	402D
1008B	9	7	463	22	52	-	5	12	5	52	3- 5/8	39	36	502A
1008B	7	5	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1008B	5	3	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1008B	3	1	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1008B	1	274	567	22	52	-	5	12	5	52	3- 1/2	39	36	501A
1008B	274	242	567	22	52	-	5	12	5	52	2- 7/8	39	36	601A

LESLIE E. ROBERTSON
No. 34360

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN SCHEDULE | DATE 5/19/67

REVISIONS

COL.NO	UPR SPL STR	LWR SPL STR	COL. TYPE	B(IN)	D(IN)	SHAPE	PLATE 1		PLATE 2		PLATE 3		FY	LOWER SPLICE DET.NO
							T1	W1	T2	W2	T3	W3		
PT5152B	-	-		17-3/4	52	-	2-5/8	11-3/4	3	52	-	-	36	
PT5153B	-	-		18-3/4	52	-	3	11	3-7/8	52	-	-	36	
PT5253B	-	-		-	-	15CH50	3-1/16	52	-	-	-	-	36	
N 507B	-	-		20	52	-	2	15	2-1/2	52	-	-	36	
S 507B	-	-		20	52	-	1-3/4	16-1/4	1-7/8	52	-	-	36	
TT6162B	-	-		17-1/2	36	-	1-7/8	13-3/4	1-7/8	36	-	-	36	
TT6164B	-	-		18-3/4	36	-	2-1/2	13-1/2	2-5/8	36	-	-	36	
TT6264B	-	-		-	-	15CH40	1-3/8	39	-	-	-	-	36	
N 607B	-	-		20	36	-	1-1/2	16-3/4	1-5/8	36	-	-	36	
S 607B	-	-		20	36	-	1	18	1	36	-	-	36	
PT7172B	-	-		16-1/4	30	-	4	8-1/4	4	30	-	-	36	
PT7173B	-	-		12	30	-	3	5-1/2	3-1/4	30	-	-	36	
PT7273B	-	-		-	-	15CH50	4	30	-	-	-	-	36	
N 707B	-	-		20	30	-	1-13/16	16	2	30	-	-	36	
S 707B	-	-		20	30	-	3-5/8	12	4	30	-	-	36	
PT8182B	-	-		16-1/4	30	-	3-7/8	8-1/4	4	30	-	-	36	
PT8183B	-	-		12	30	-	2-7/8	5-3/4	3-1/8	30	-	-	36	
PT8283B	-	-		-	-	15CH50	4	30	-	-	-	-	36	
N 806B	-	-		20	30	-	1-13/16	16-1/4	1-7/8	30	-	-	36	
S 806B	-	-		20	30	-	3-1/2	12-1/2	3-3/4	30	-	-	36	
TT9192B	-	-		17	36	-	2	13	2	36	-	-	36	
TT9194B	-	-		18-1/4	36	-	2-5/8	12-3/4	2-3/4	36	-	-	36	
TT9294B	-	-		-	-	15CH40	2-1/4	39	-	-	-	-	36	
N 907B	-	-		20	36	-	1-3/8	16-3/4	1-5/8	36	-	-	36	
S 907B	-	-		20	36	-	1	18	1	36	-	-	36	
PT1011B	-	-		16-1/2	52	-	2-3/8	12-1/2	2	52	-	-	36	
PT1012B	-	-		18-3/4	52	-	3-1/4	12-1/4	3-1/4	52	-	-	36	
PT1112B	-	-		-	-	15CH50	2-1/2	52	-	-	-	-	36	
N1007B	-	-		20	52	-	3-1/2	12-3/4	3-5/8	52	-	-	36	
S1007B	-	-		20	52	-	1-3/4	16	2	52	-	-	36	

LESLIE E. ROBERTSON
No. 34360

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMN SPLICE DETAIL INDEX	4/ 1/69

REVISIONS

Printed 5-1-69

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LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

60

3-AB2- 0

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS-DETAIL NOTES | DATE 3-28-67

REVISIONS

Notes:

1. For column schedule see 3-A1-1 thru 48 and 3-B1-1 thru 49.
2. All splice PL material to be A36.
3. Welding electrodes to be low hydrogen electrodes.
4. Bolts to be A325 bearing type connections unless otherwise noted.

LESLIE E. ROBERTSON
No. 34360

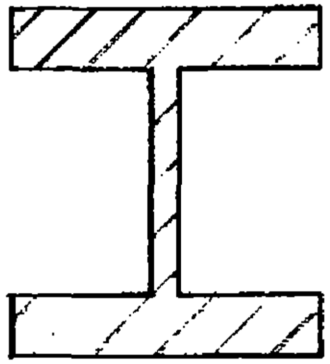
42

3-AB2-1

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS-COLUMN TYPE 100 | DATE 3-28-67

REVISIONS



Column Type 110 - 10WF

Column Type 111 - 12WF

Column Type 112 - 14WF

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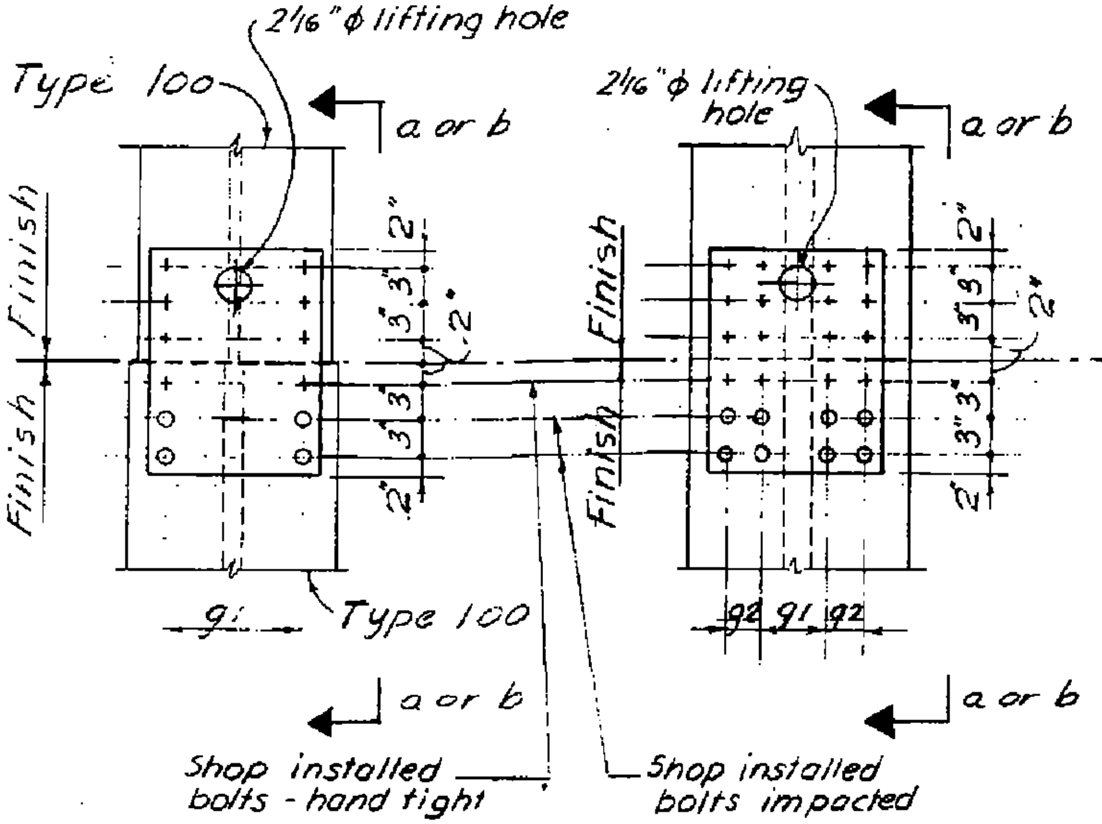
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

3-AB2-2

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

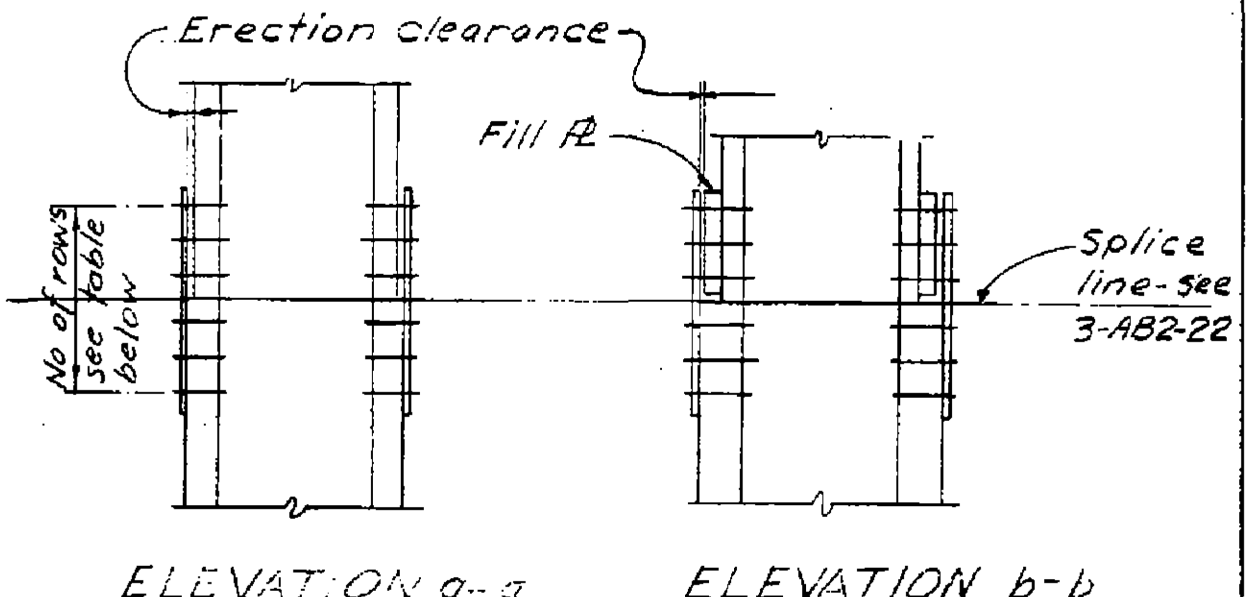
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS-SPLICE DETAIL 101 | DATE 3-28-67

REVISIONS
12-7-67
9-30-69



Shop installed bolts - hand tight

Shop installed bolts impacted

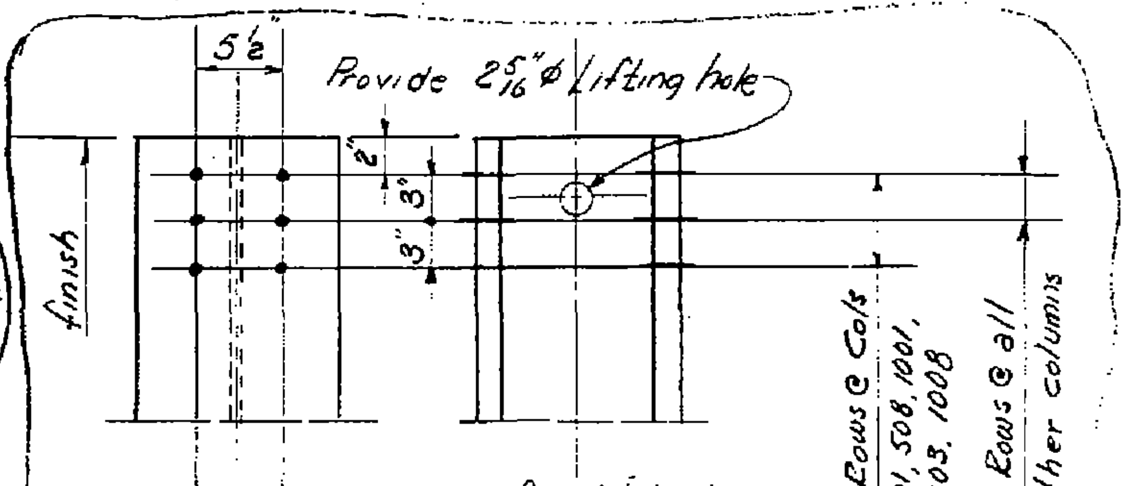


ELEVATION a-a
(Bearing connections)

ELEVATION b-b
(Friction connections)
use where fill PLs are reqd

Note:
See table this sheet for number and size of bolts.

	ELEVATION a-a	ELEVATION b-b				
SPLICE DETAIL	NO. & SIZE OF BOLTS	NO. & SIZE OF BOLTS	NO. OF ROWS	SPLICE PL. SIZE	g1	g2
101A	12-$\frac{3}{4}$"φ	12-$\frac{7}{8}$"φ	6	9×$\frac{1}{2}$"	$5\frac{1}{2}$"	–
101B	8-$\frac{3}{4}$"φ	8-$\frac{7}{8}$"φ	4	9×$\frac{3}{8}$"	$5\frac{1}{2}$"	–
101C	8-$\frac{3}{4}$"φ	8-$\frac{7}{8}$"φ	4	9×$\frac{3}{8}$"	$5\frac{1}{2}$"	–
101D	20-$\frac{7}{8}$"φ	20-$1\frac{1}{8}$"φ	6	16×$\frac{5}{8}$"	$5\frac{1}{2}$"	3"
101E	16-$\frac{7}{8}$"φ	16-$1\frac{1}{8}$"φ	8	16×$\frac{5}{8}$"	$11\frac{1}{2}$"	–
101F	12-$\frac{7}{8}$"φ	12-$1\frac{1}{8}$"φ	6	16×$\frac{1}{2}$"	$11\frac{1}{2}$"	–
101G	12-$\frac{3}{4}$"φ	12-$\frac{7}{8}$"φ	6	16×$\frac{1}{2}$"	$11\frac{1}{2}$"	–
101H	8-$\frac{3}{4}$"φ	8-$\frac{7}{8}$"φ	4	9×$\frac{3}{8}$"	$5\frac{1}{2}$"	–
101J	8-$\frac{3}{4}$"φ	8-$\frac{7}{8}$"φ	4	9×$\frac{3}{8}$"	$5\frac{1}{2}$"	–
101K	20-1"φ	20-$1\frac{1}{4}$"φ	6	16×$\frac{7}{8}$"	$5\frac{1}{2}$"	3"
101L	24-1"φ	24-$1\frac{1}{4}$"φ	6	16×$\frac{7}{8}$"	$5\frac{1}{2}$"	3"
101M	28-1"φ	28-$1\frac{1}{4}$"φ	8	16×1"	7"	3"



$5\frac{1}{2}$"
Provide $2\frac{5}{16}$"φ lifting hole
2"
3"
3"
finish
3 Rows @ Cols 501, 508, 1001, 1005, 1008
2 Rows @ all other columns

Provide bolt holes for $\frac{7}{8}$"φ bolts as shown. For splice plates, fill plates, shims, & upper col details, see Book 9.

TYPICAL DETAIL @ 106 STORY SPLICE

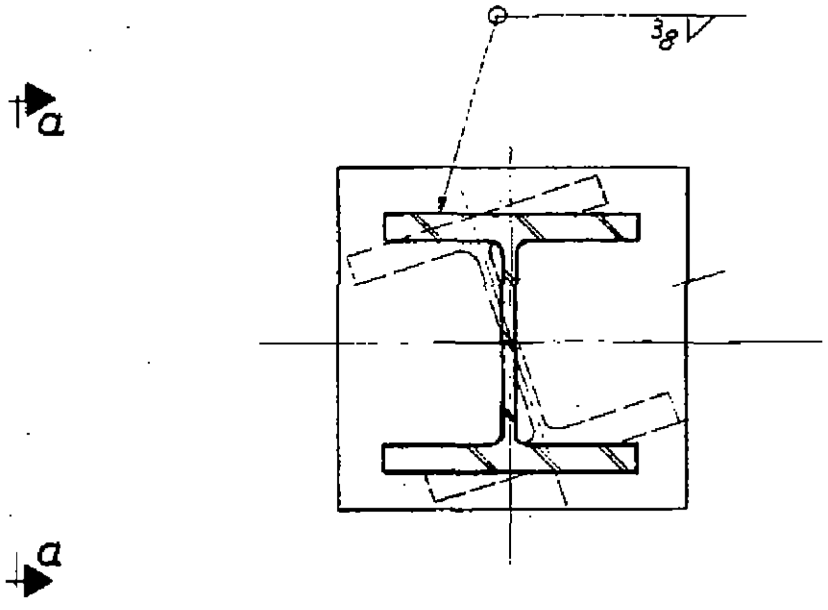
ESLIE E. ROBERTSON

3-AB2-3

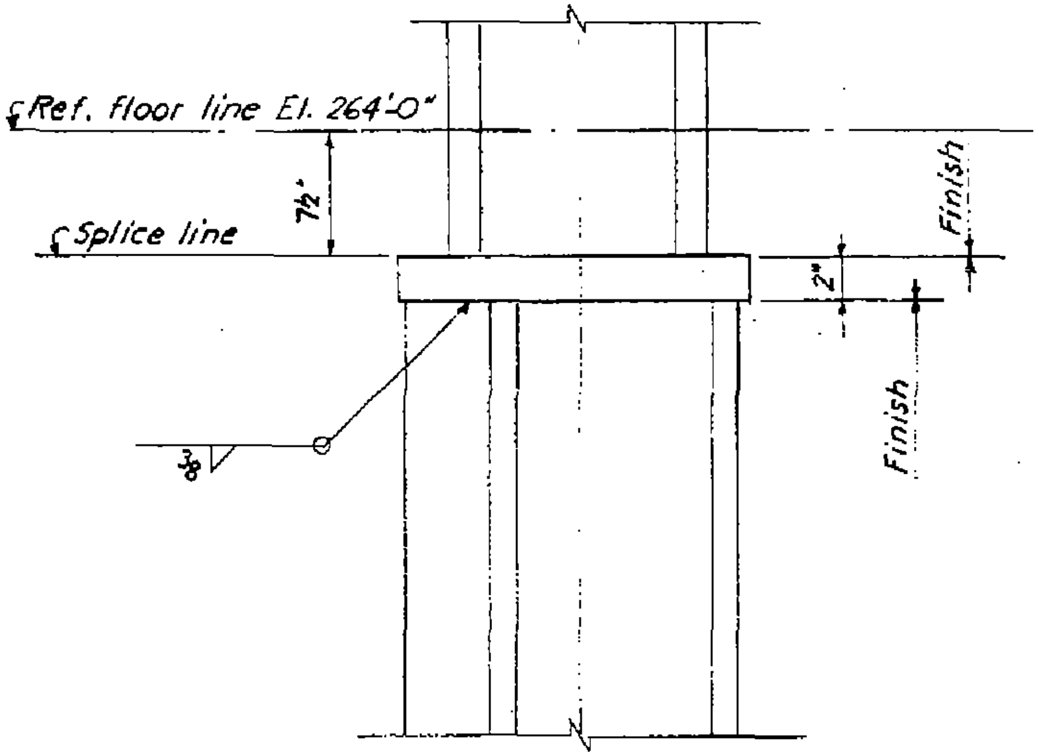
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER	TITLE COLUMN SPLICE DETAIL 102-A	DATE 2-9-68

REVISIONS



Plan



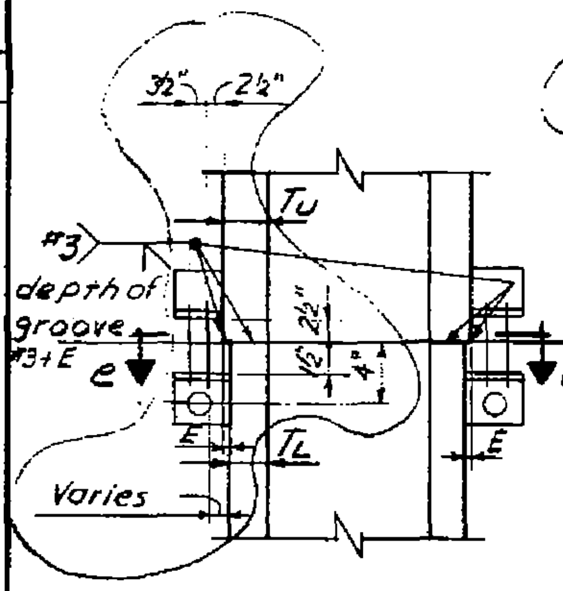
Section a-a

3-AB2-3.1

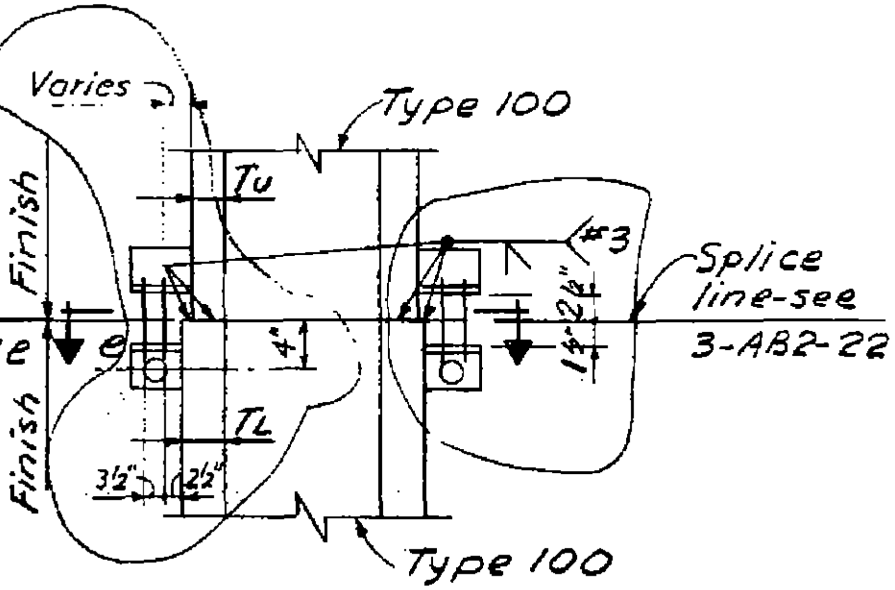
WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMNS - SPLICE DETAIL 103
DATE 3-28-67

REVISIONS
1-12-68

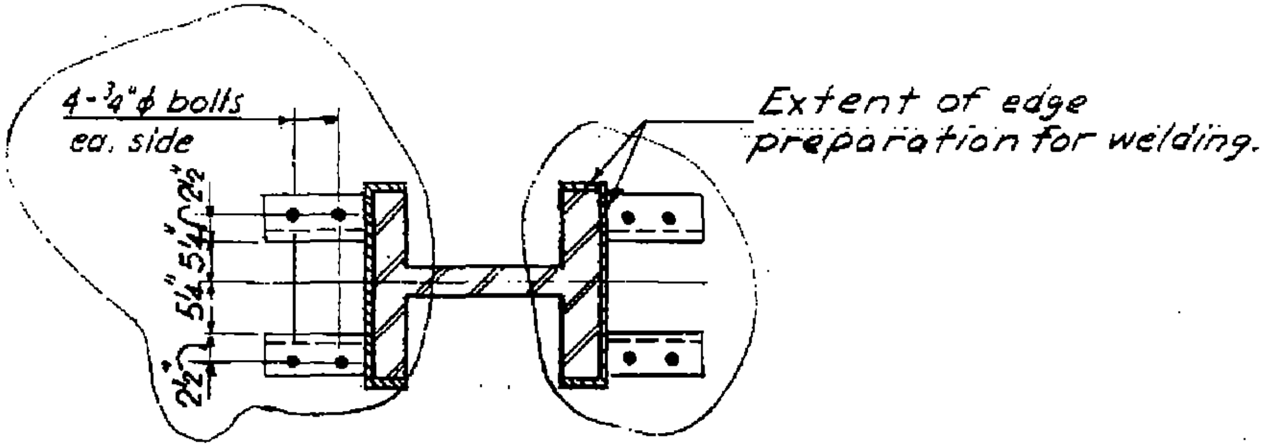


Elevation
Tu > TL



Elevation
Tu ≤ TL

SPLICE DETAIL	WELD #3 (inches)
103 A	5/8
103 B	11/16
103 C	3/4
103 D	13/16
103 E	7/8
103 F	15/16
103 G	1
103 H	1
103 J	1 1/16
103 K	1 1/8
103 L	1 3/16



Section e-e

LESLIE E. ROBERTSON
34360

Note: All angles 8 x 4 x ¾
8" leg vertical

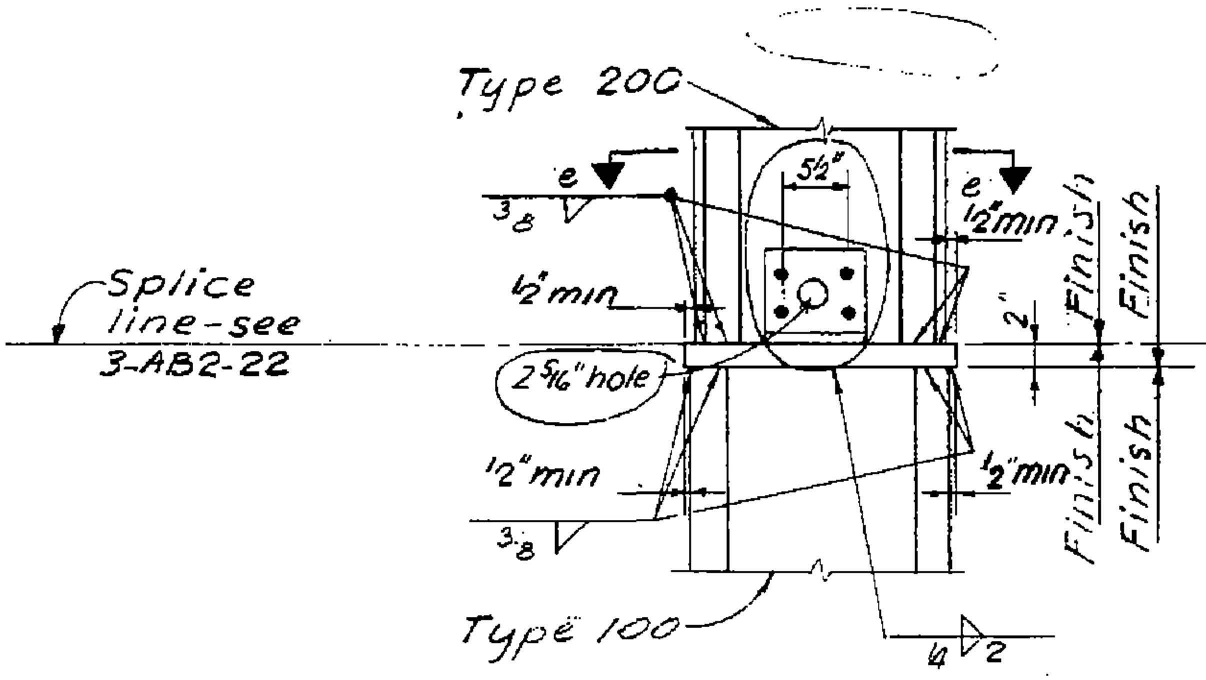
3-AB2-4

WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

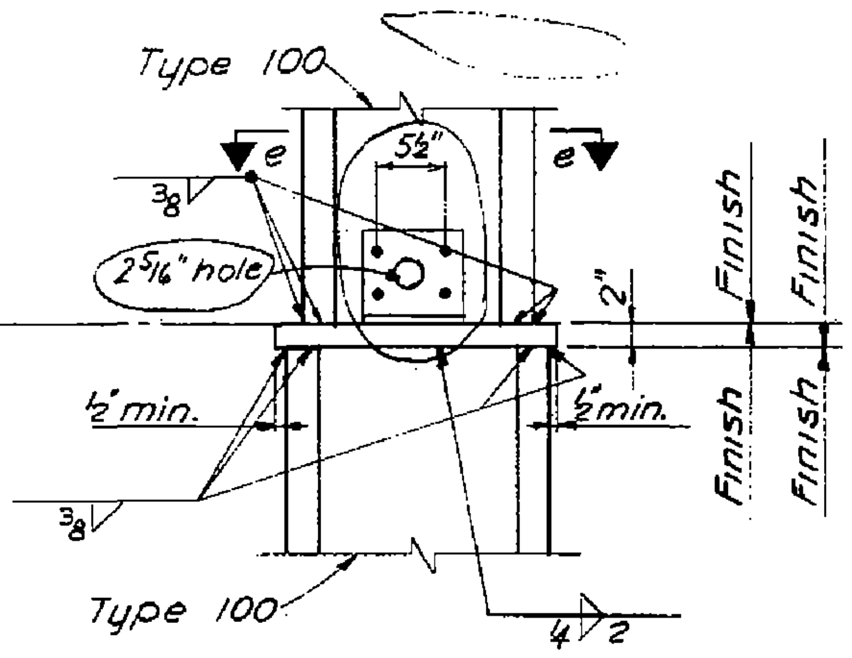
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - SPLICE DETAIL 104 | DATE 3-28-67

REVISIONS

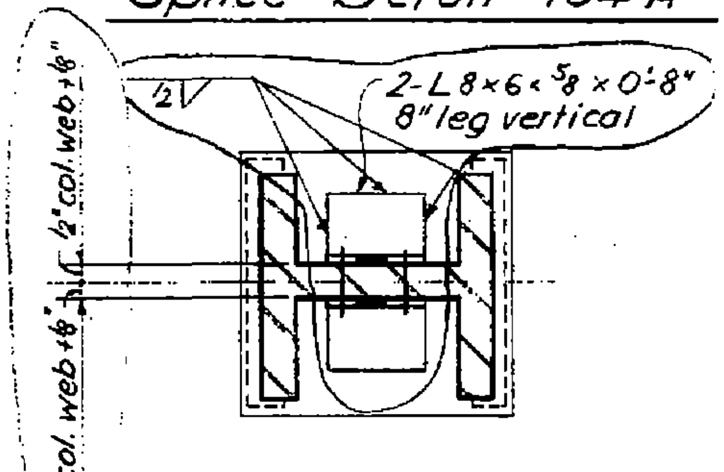
1-12-68



Splice Detail 104 A



Splice Detail 104 B



Section e-e

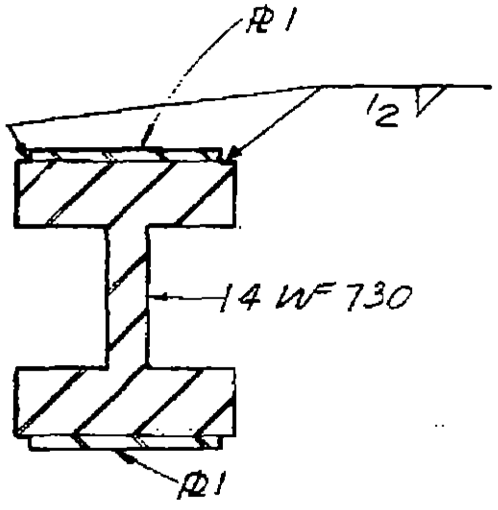
LESLIE E. ROBERTSON
No. 34360

3-AB 2-5

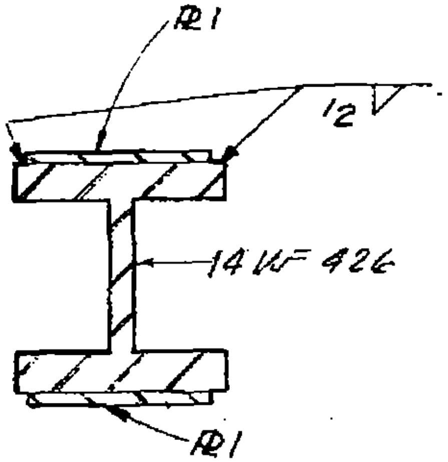
WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMNS - COLUMN TYPE 200
DATE 3-28-67

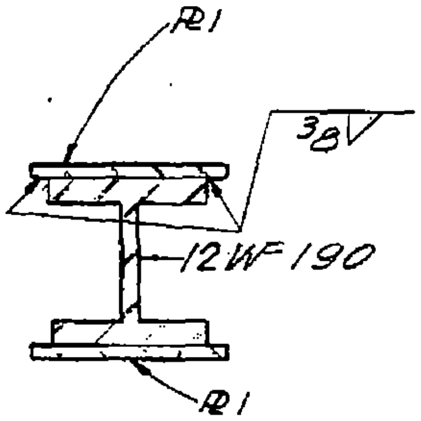
REVISIONS
2-9-68
3-11-68



TYPE 215

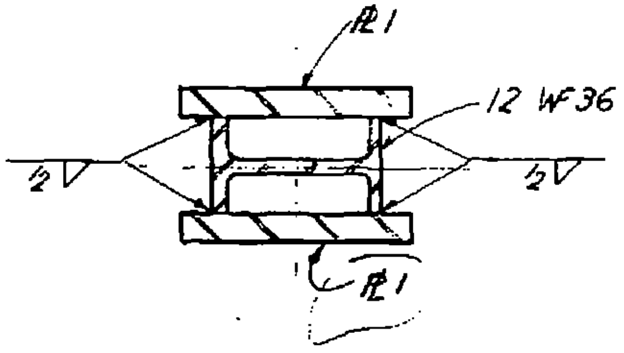


TYPE 214



TYPE 213

Note: See column schedule for PL 1 sizes.



TYPE 216

LESLIE E. ROBERTSON
No. 34360

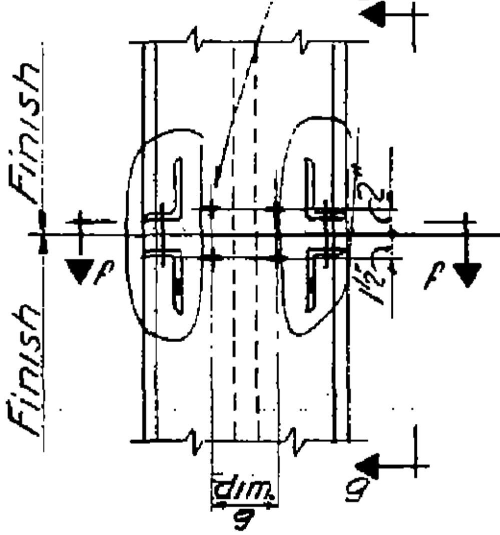
3-AB2-6

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

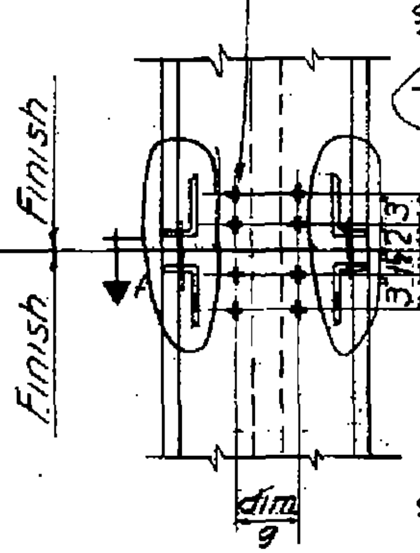
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - SPLICE DETAILS 213, 214 & 215 | DATE 3-28-67

REVISIONS
1-12-68

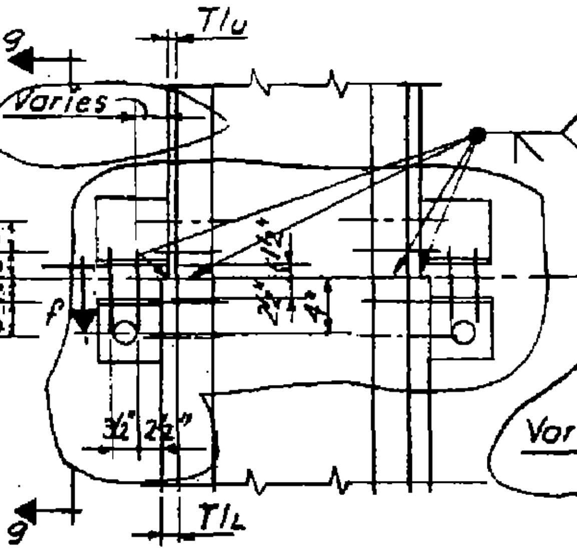
See table this sheet for number and size of bolts.



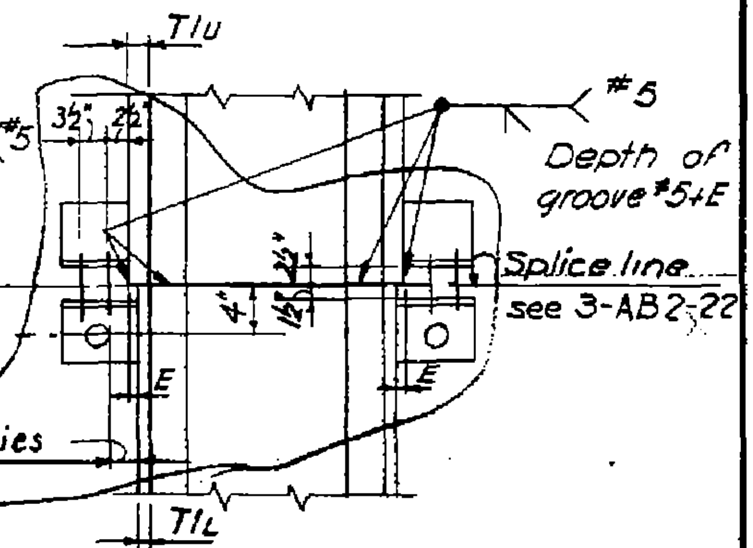
4 Bolt



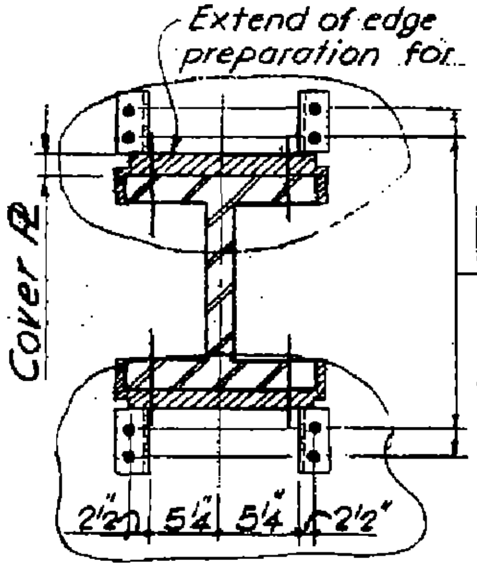
8 Bolt



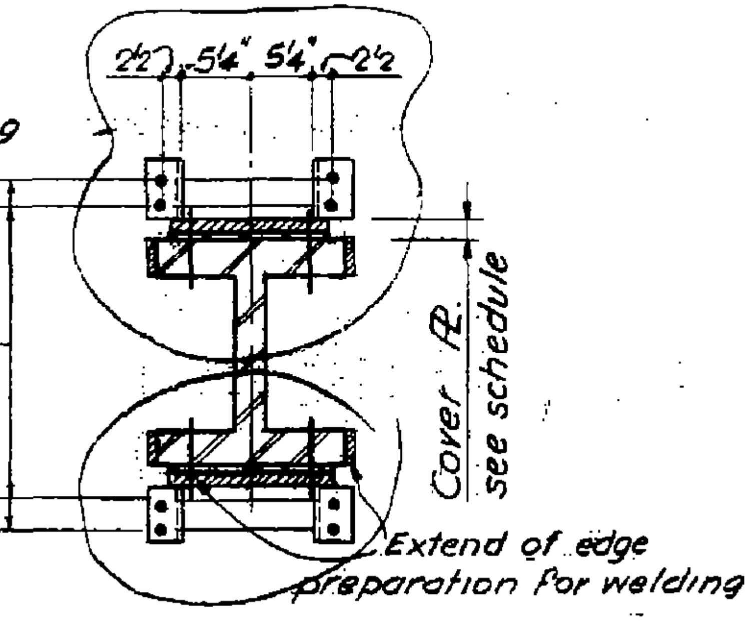
Elevation g-g
T1u ≤ T1L



Elevation g-g
T1u > T1L



All bolts ¾"φ



Section f-f
COVER PL t < WELD #5

Section f-f
COVER PL t ≥ WELD #5

SPLICE DETAIL	WELD #5	No. & SIZE OF BOLTS	dim. g
213 A	1	4 - ¾"φ	5½"
213 B	1 1/16	4 - ¾"φ	5½"
213 C	1 1/8	8 - ¾"φ	5½"
214 A	1 1/8	4 - ¾"φ	5½"
214 B	1 3/16	8 - ¾"φ	5½"
214 C	1 1/4	8 - ¾"φ	5½"
215 A	1 1/4	4 - ⅞"φ	7"
215 B	1 5/16	4 - ⅞"φ	7"
215 C	1 5/16	8 - ⅞"φ	7"
215 D	1 3/8	8 - ⅞"φ	7"
215 E	1 7/16	8 - ⅞"φ	7"

Note:
All angles 8×4×¾
8" leg vertical

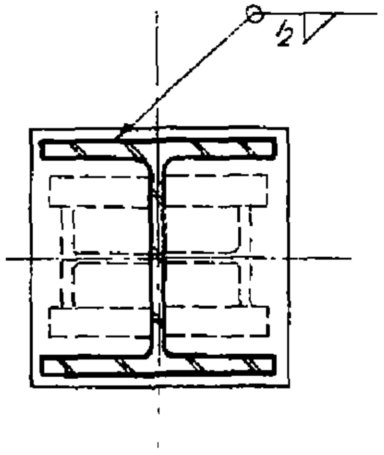
LESLIE E. ROBERTSON
No. 34380

3-AB2-7

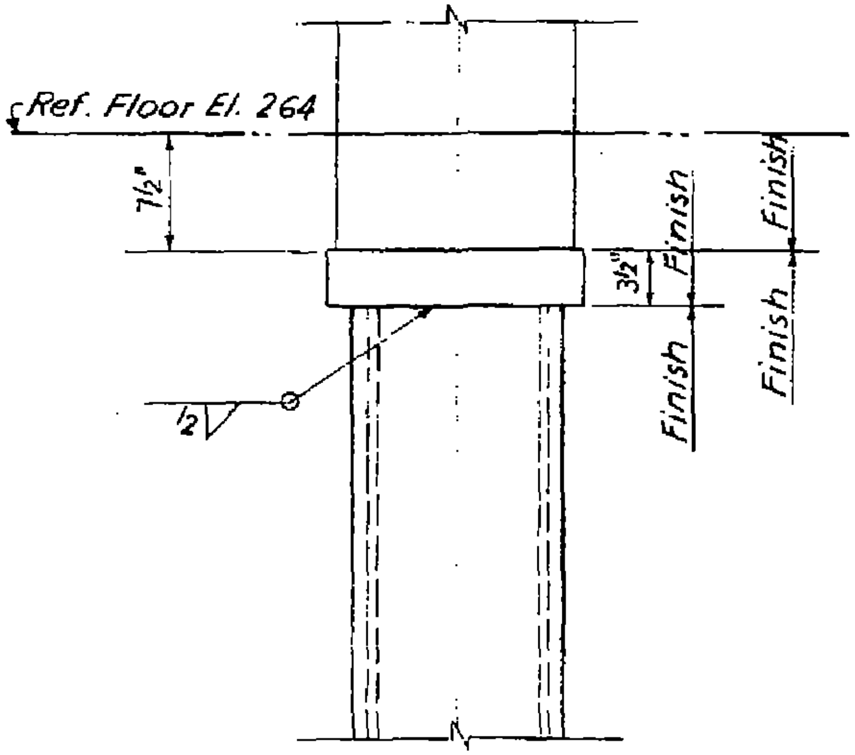
SKILLING - HELLE - CHRISTIANSEN - ROBERTSON **Structural & Civil Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE COLUMNS SPLICE DETAIL 216 A
DATE 2-9-68

REVISIONS



Plan



Section a-a

3-AB2-7.1

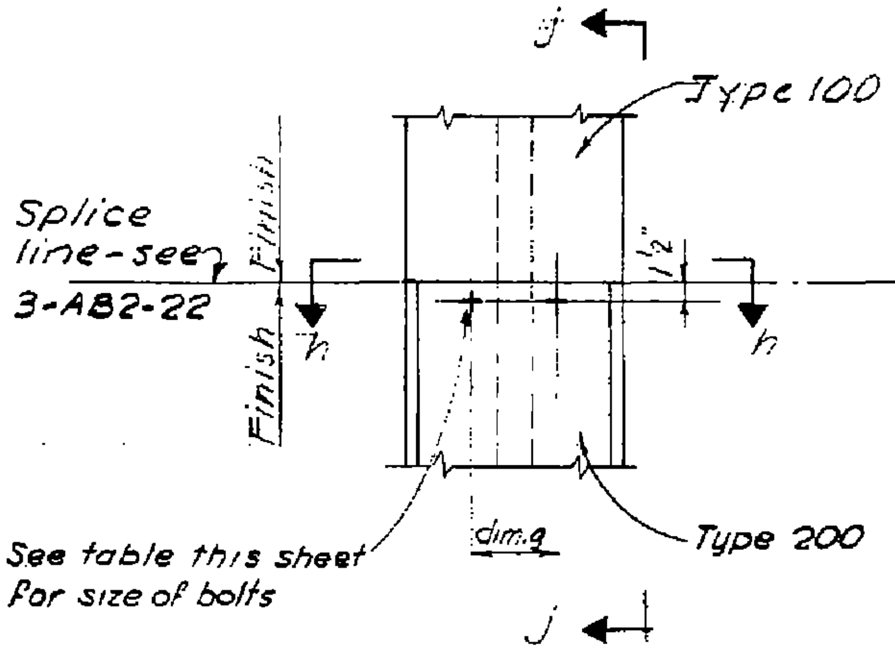
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

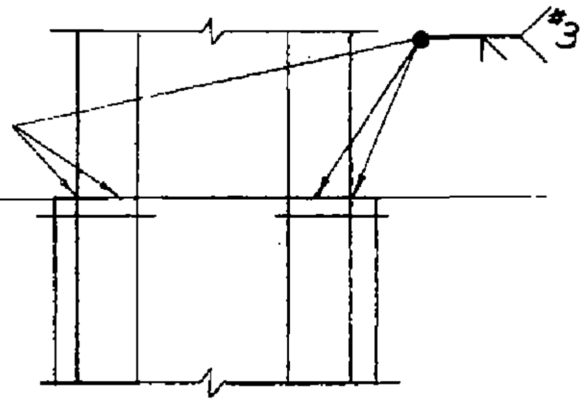
PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMNS - SPLICE DETAIL 202

DATE 3-28-67

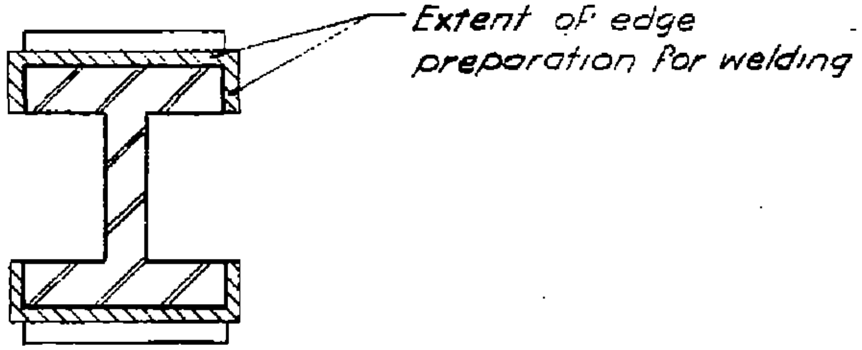
REVISIONS





Elevation J-J

SPLICE DETAIL	WELD #3 (inches)	NO & SIZE OF BOLTS	dim.g
202A	13/16	2-¾" ϕ	5½"
202 B	1	2-¾" ϕ	5½"
202C	1 3/16	2-⅞" ϕ	7"



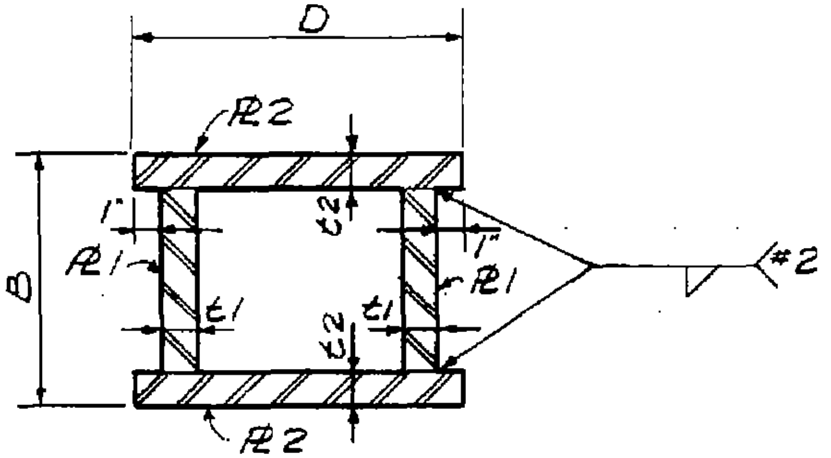
Section h-h

LESLIE E. ROBERTSON
No. 34360

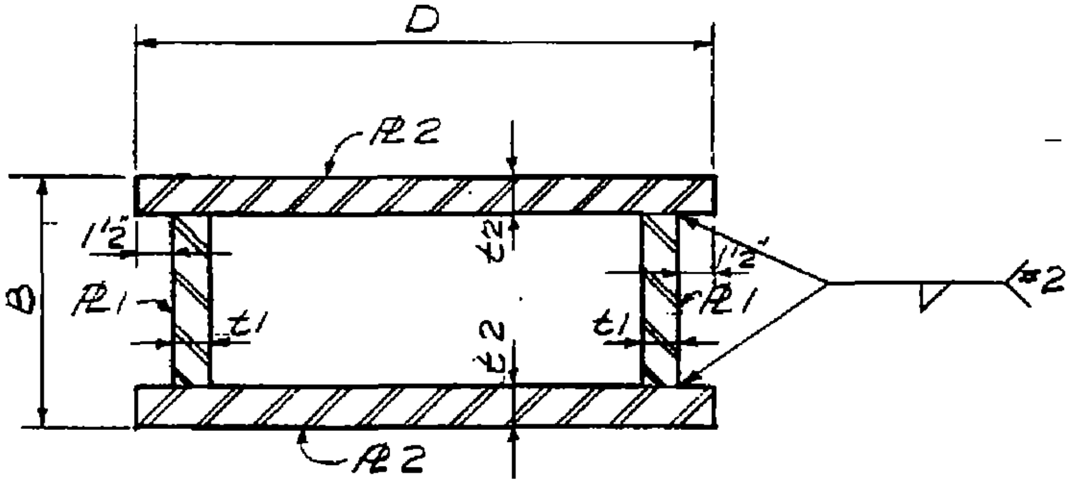
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - COLUMN TYPE 300 | DATE 3-28-67

REVISIONS



D<18"



D≥18"

PL1	WELD #2 (inches)
1/4" Thru 11/16"	1/4
3/4" " 1 1/2"	3/8
1 9/16" " 1 7/8"	7/16
1 15/16" " 2 13/16"	1/2
2 7/8" " 3 7/8"	5/8
4" " 8"	3/4

LESLIE E. ROBERTSON
No. 3436C

COLUMN TYPE 319 Thru 356 & 368 Thru 382

3-AB2-9

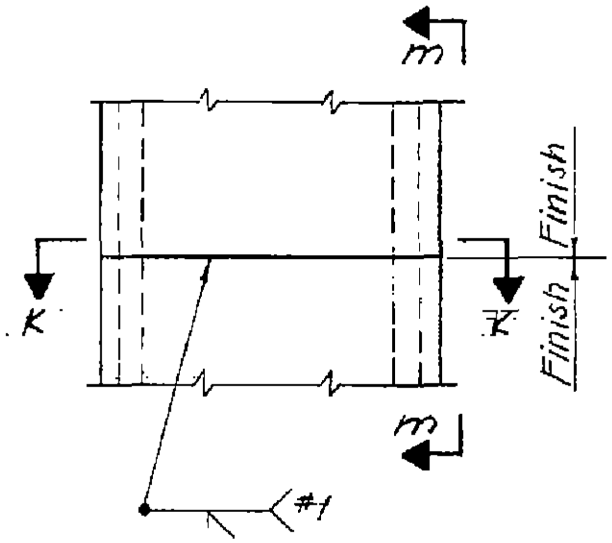
WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

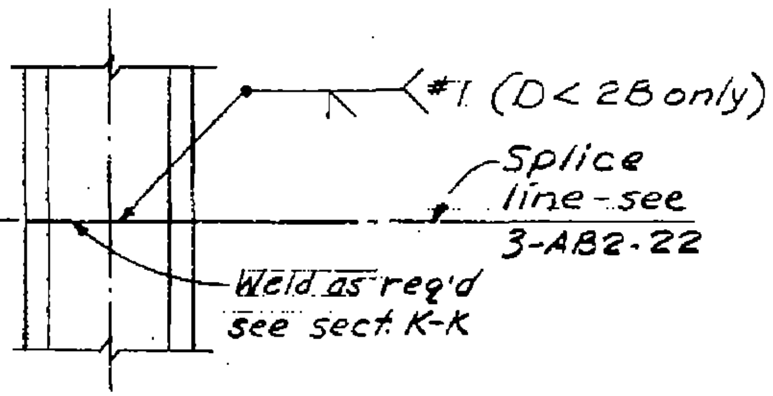
PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMNS - SPLICE DETAIL 301

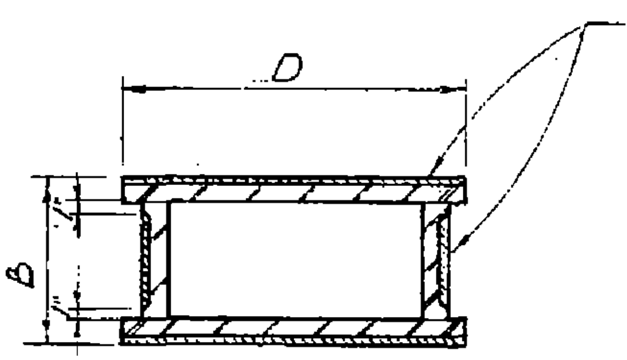
DATE 3-28-67

REVISIONS

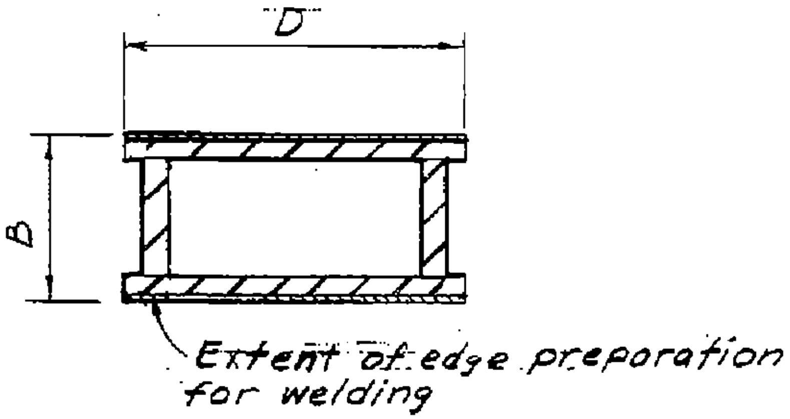




Elevation m-m



Section K-K
D< 28



Section K-K
D ≥ 28

SPLICE DETAIL	WELD #1 (inches)
301A	Full penetration
301B	5/8
301C	11/16
301D	3/4
301E	13/16
301F	7/8
301G	15/16
301H	1
301J	1 1/16
301K	1 1/8
301L	1 3/16
301M	1 3/8

LESLIE E. ROBERTSON
No. 34360

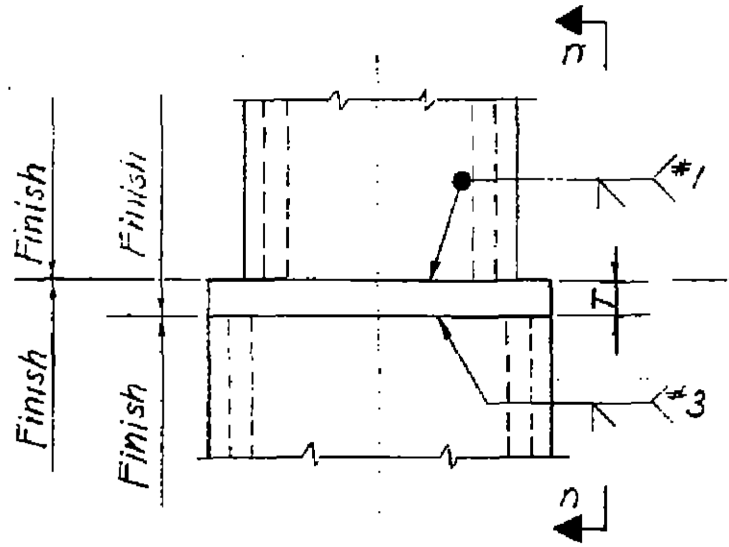
SPLICE DETAIL 301

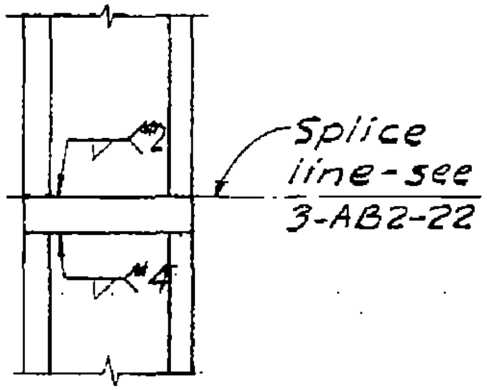
3-AB2-10

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMNS - SPLICE DETAIL 302
DATE 3-28-67

REVISIONS

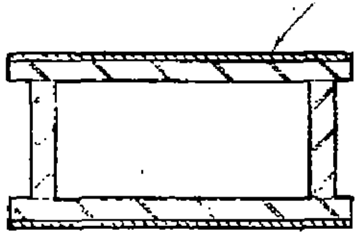




Splice line-see 3-AB2-22

Elevation n-n

SPLICE DETAIL	THICK T	WELD #1	WELD #2	WELD #3	WELD #4
302A	3"	1	5/8	1	5/8
302B	3"	15/16	1/2	15/16	1/2
302C	3"	11/16	3/8	11/16	3/8
302D	4"	3/4	3/8	3/4	3/8
302E	6"	15/16	1/2	13/16	7/16
302F	6"	13/16	7/16	3/4	3/8
302G	7"	7/8	7/16	11/16	3/8
302H	7"	1	5/8	13/16	7/16
302J	3"	1	5/8	15/16	1/2
302K	3"	15/16	1/2	1	5/8
302L	3"	1 1/8	3/4	1	5/8
302M	3"	1	5/8	1 1/8	3/4


Extent of edge preparation for welding.

PLAN VIEW of EDGE PREPARATION

UPPER & LOWER COLUMN

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

3-AB2-11

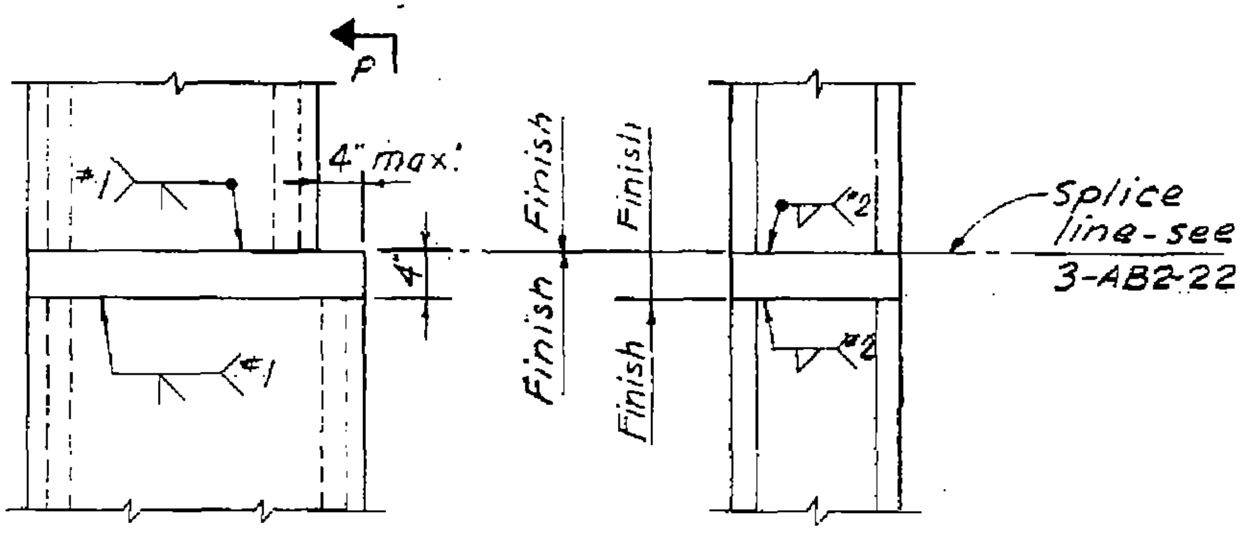
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER

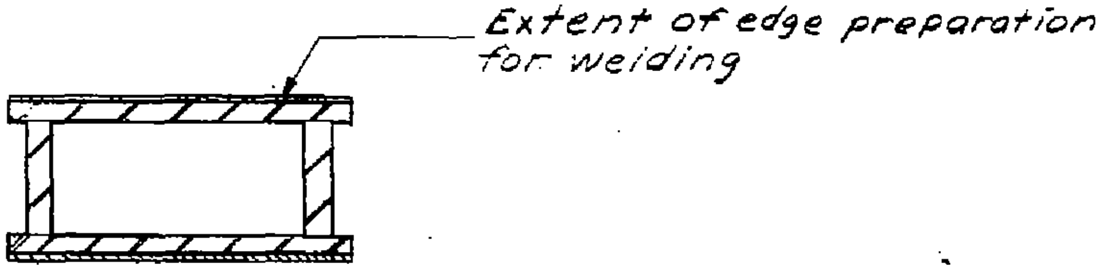
TITLE CORE COLUMNS - SPLICE DETAIL 303

DATE 3-28-67

REVISIONS



Elevation p-p



PLAN VIEW OF EDGE PREPARATION

UPPER & LOWER COLUMNS

SPLICE DETAIL	WELD #1 (inches)	WELD #2 (inches)
303A	Full penetration	1/4
303B	5/8	3/8
303C	11/16	3/8
303D	3/4	3/8
303E	13/16	7/16
303F	7/8	1/2
303G	15/16	1/2
303H	1	5/8
303J	1 1/16	5/8
303K	1 1/8	3/4
303L	1 3/16	3/4
303M	1 3/8	3/4

LESLIE E. ROBERTSON
No. 34360

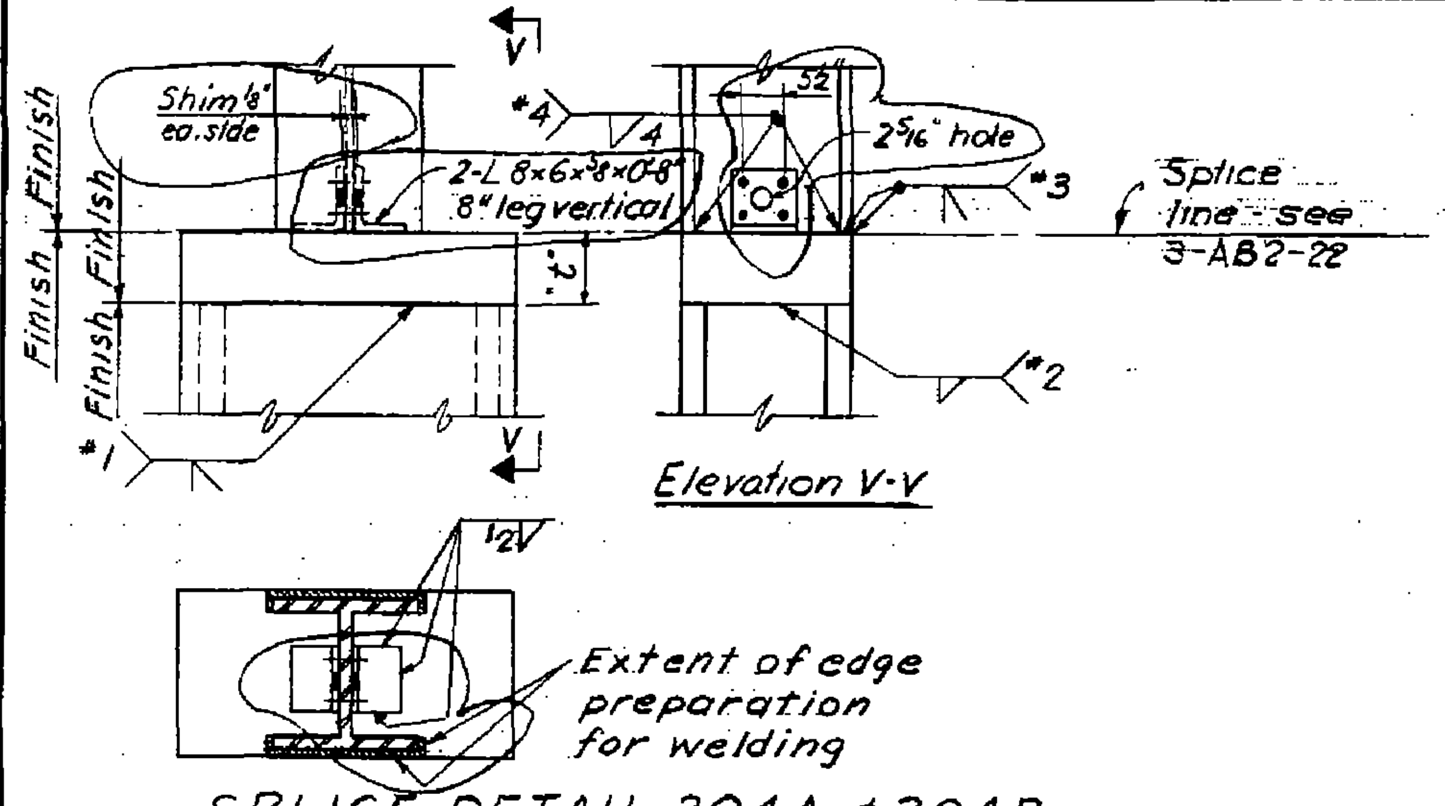
3-AB2-12

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - SPLICE DETAIL 304 | DATE 3-28-67

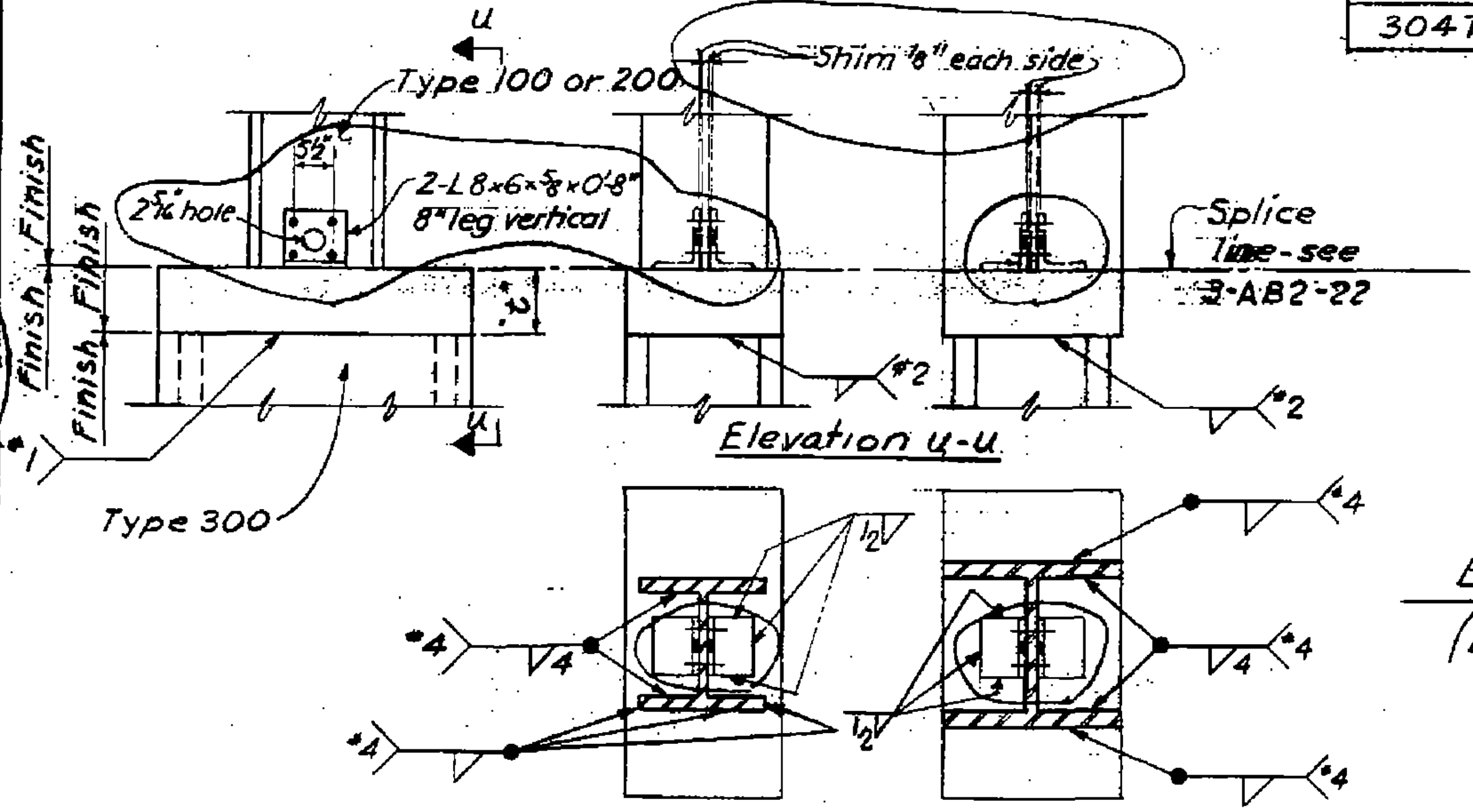
REVISIONS

1-12-68

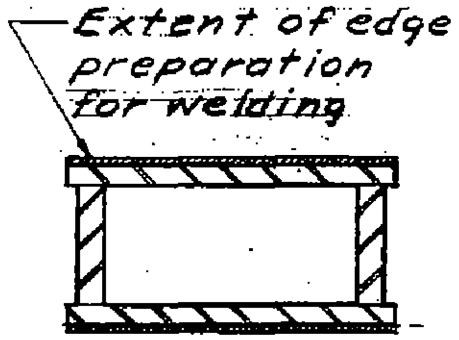


SPLICE DETAIL 304A & 304B

SPLICE DETAIL	t	Weld #1	Weld #2	Weld #3	Weld #4
304A	4	15/16	1/2	1 3/16	1/2
304B	3	1	5/8	1 3/16	1/2
304C	4	7/8	1/2	1 1/16	1/2
304D	4	3/4	3/8	15/16	1/2
304E	3	15/16	1/2	1 1/8	1/2
304F	7	11/16	3/8	—	3/8
304G	7	11/16	3/8	—	1/2
304H	3	11/16	3/8	3/4	3/8
304J	6	11/16	5/8	—	1/2
304K	6	5/8	3/8	—	3/8
304M	3	1	5/8	1 1/8	1/2
304N	3	15/16	1/2	1 1/8	1/2
304P	3	3/4	3/8	7/8	1/2
304Q	5	1 1/16	3/4	—	1/2
304R	4	1	5/8	—	1/2
304S	5	15/16	1/2	—	1/2
304T	6	13/16	3/4	—	1/2



SPLICE DETAIL 304C THRU 304T



PLAN VIEW OF EDGE PREPARATION

(lower column)

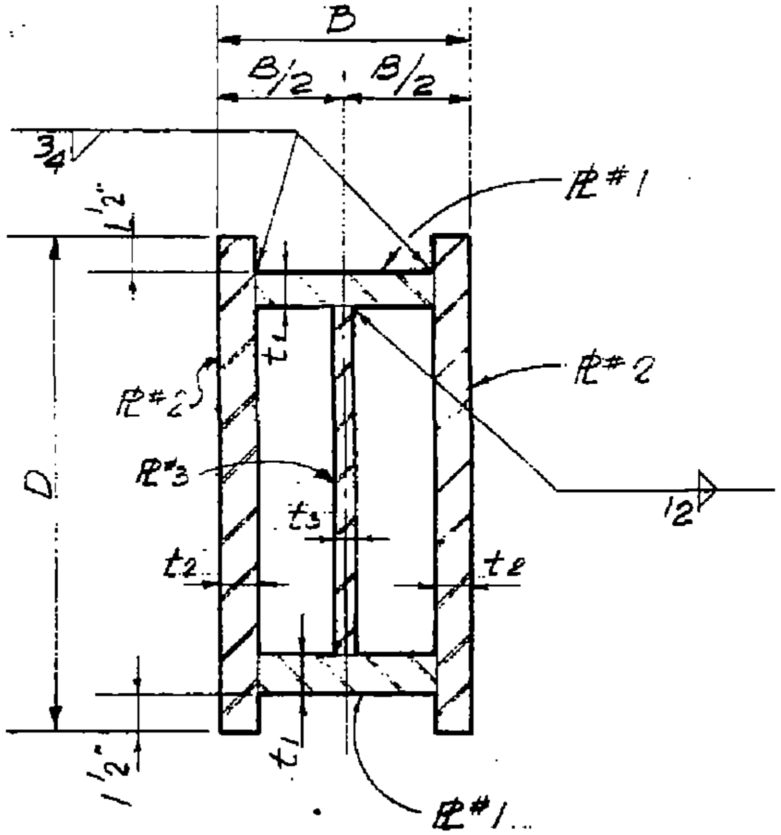
LESLIE E. ROBERTSON No. 34360

3-AB2-13

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS-COLUMN TYPE 400 | DATE 3-28-67

REVISIONS



COLUMN TYPE 459 thru 464 & 483 thru 488

Licensed Professional Engineer
Leslie E. Robertson
No. 34360
University of the State of New York

3-AB2-14

WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMNS - SPLICE DETAIL 401 & 402

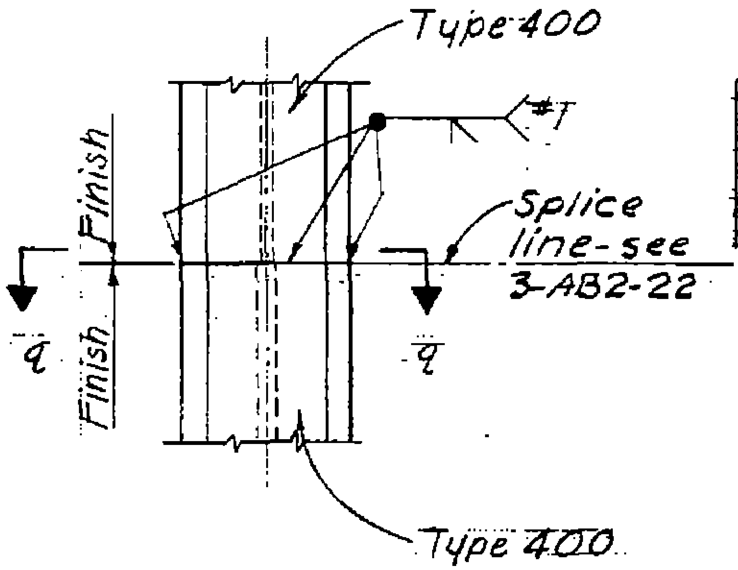
DATE 3-28-67

Rev. 5-1-67

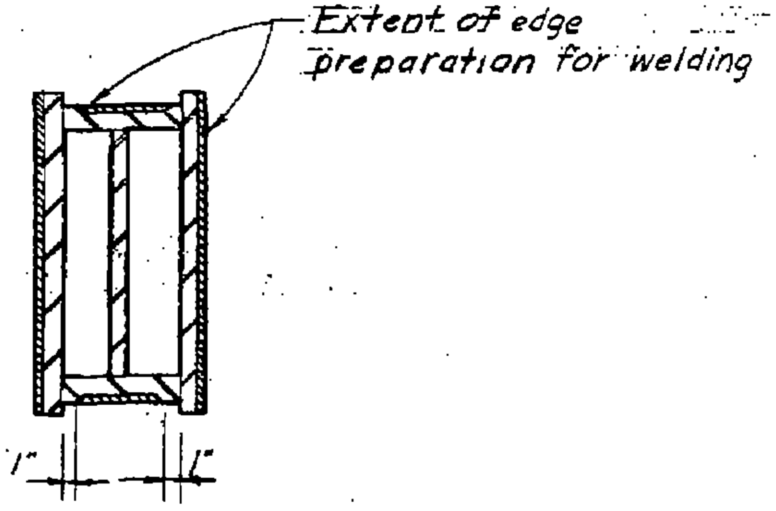
REVISIONS

LESLIE E. ROBERTSON

No. 34360



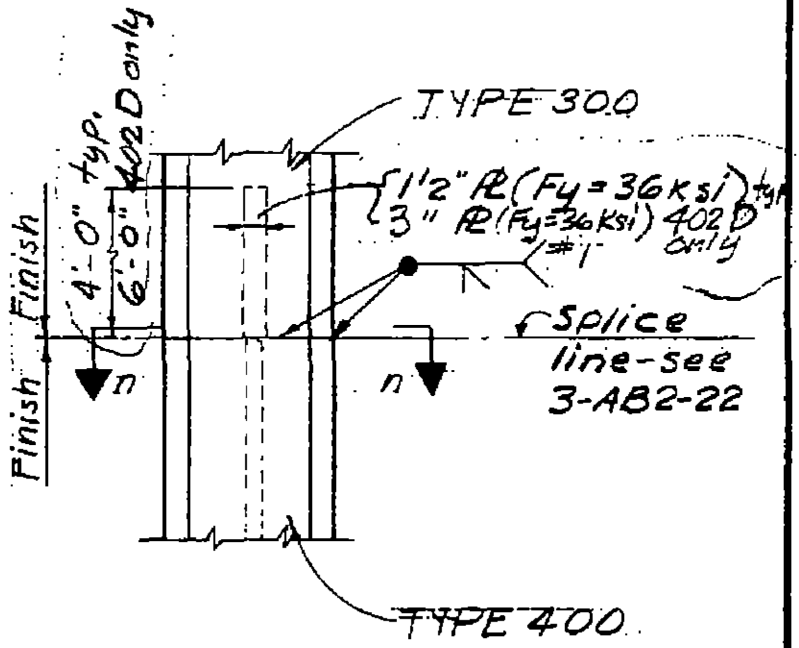
SPLICE DETAIL	WELD #1
401A	$1\frac{1}{16}$
401B	$1\frac{3}{16}$

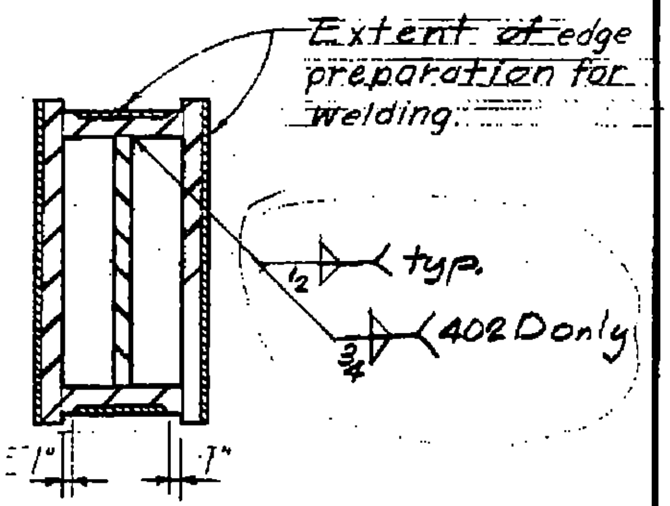


SECTION q-q

SPLICE DETAIL 401

SPLICE DETAIL	WELD #1
402A	$1\frac{1}{16}$
402B	$1\frac{3}{16}$
402C	$1\frac{3}{8}$
402D	$1\frac{3}{8}$



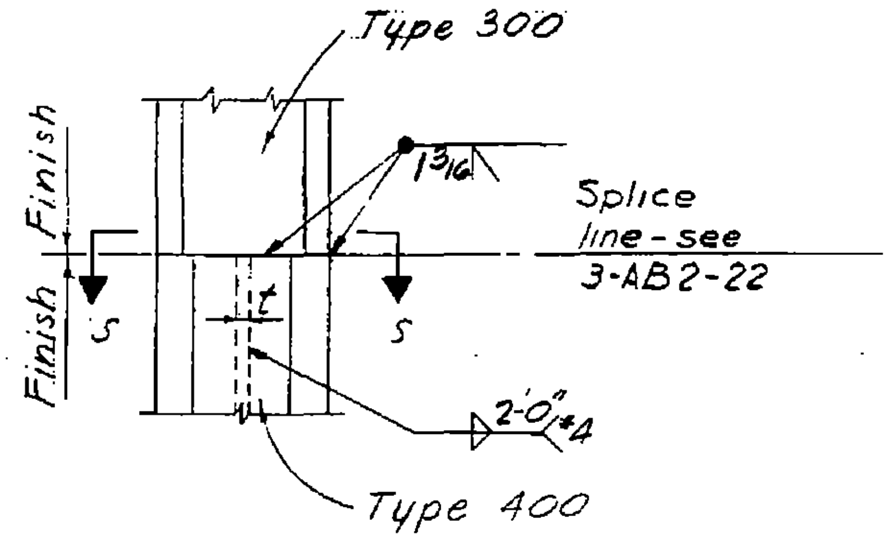


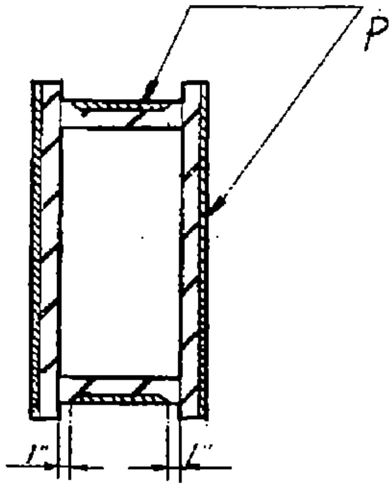
SPLICE DETAIL 402

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - SPLICE DETAILS 403 & 404 | DATE 3-28-67

REVISIONS

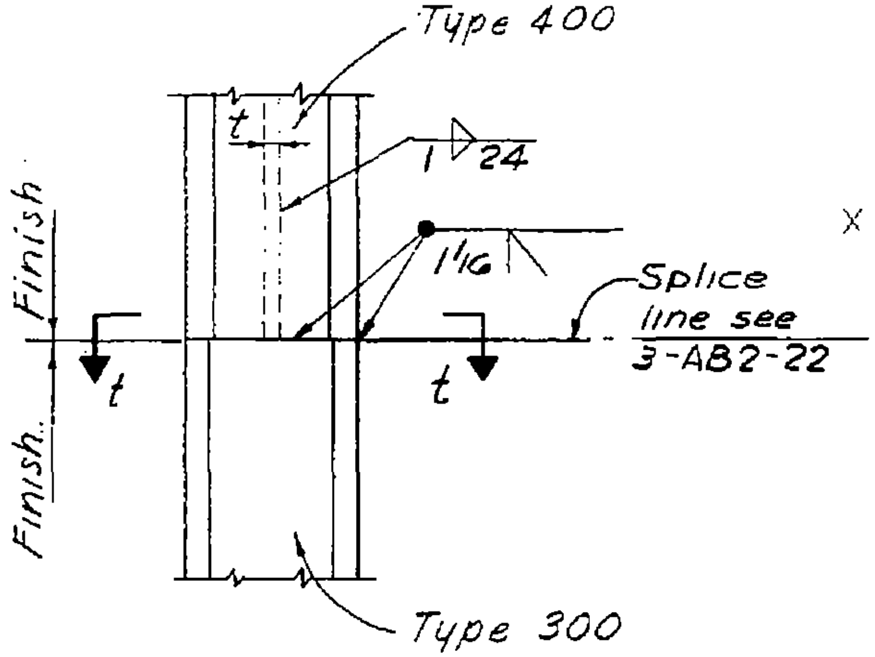


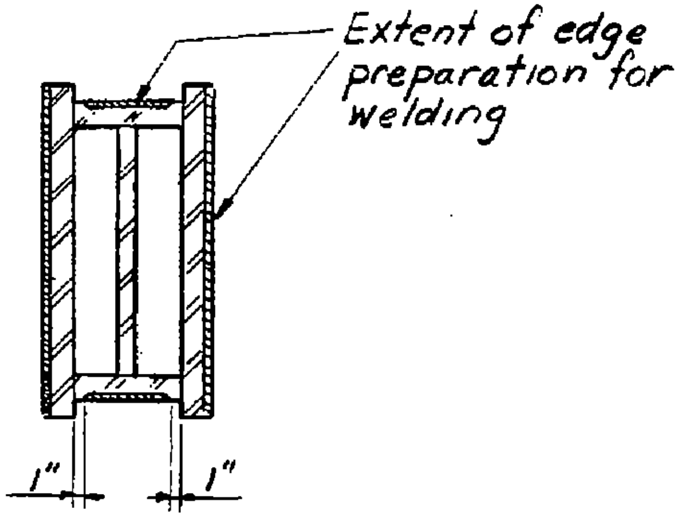


Section s-s

SPLICE DET. NO.	WELD #4
403 A	$\frac{5}{8}$
403 B	$\frac{3}{4}$
403 C	1

SPLICE DETAIL 403





Section t-t

SPLICE DETAIL 404A

LESLIE E. ROBERTSON
34360

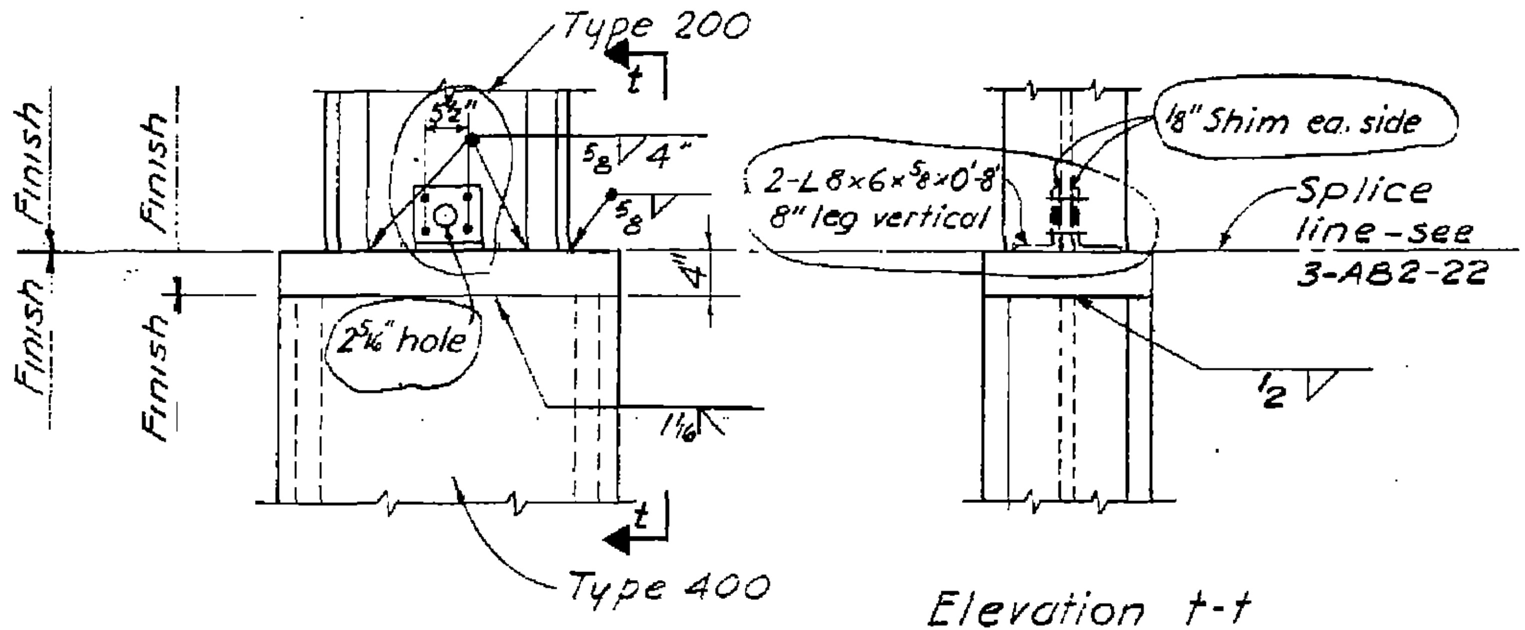
3-AB2-16

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

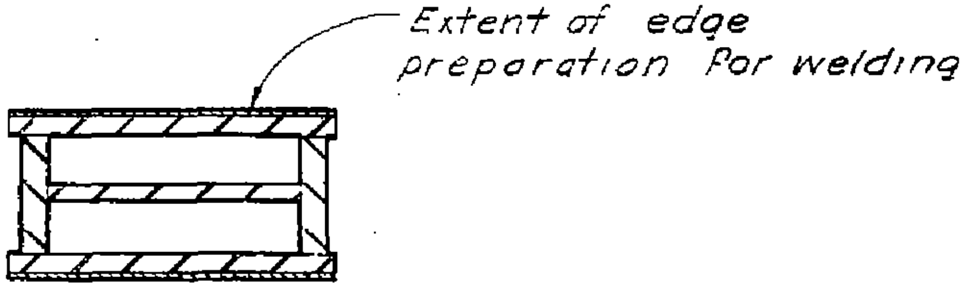
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - SPLICE DETAIL 405 | DATE 3-28-67

REVISIONS
1-12-68

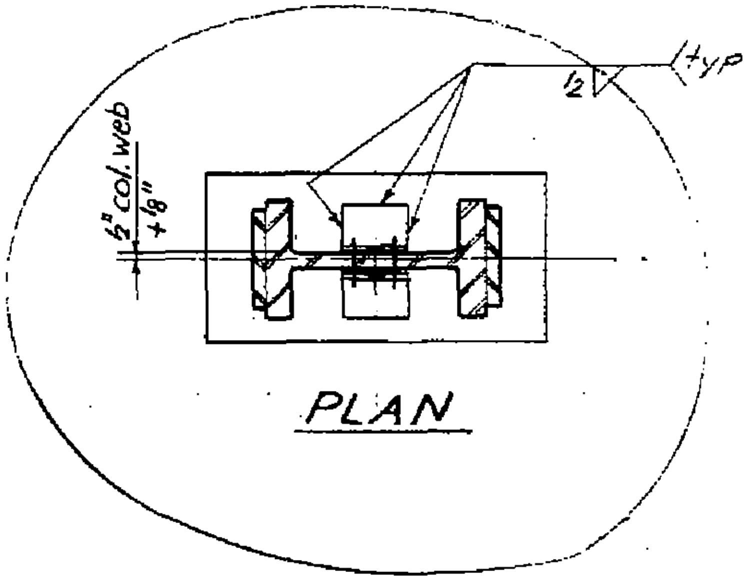
LESLIE E. ROBERTSON
No. 34360



Elevation t-t



PLAN VIEW OF EDGE PREPARATION
LOWER COLUMN



PLAN

SPLICE DETAIL 405 A

3-AB2-17

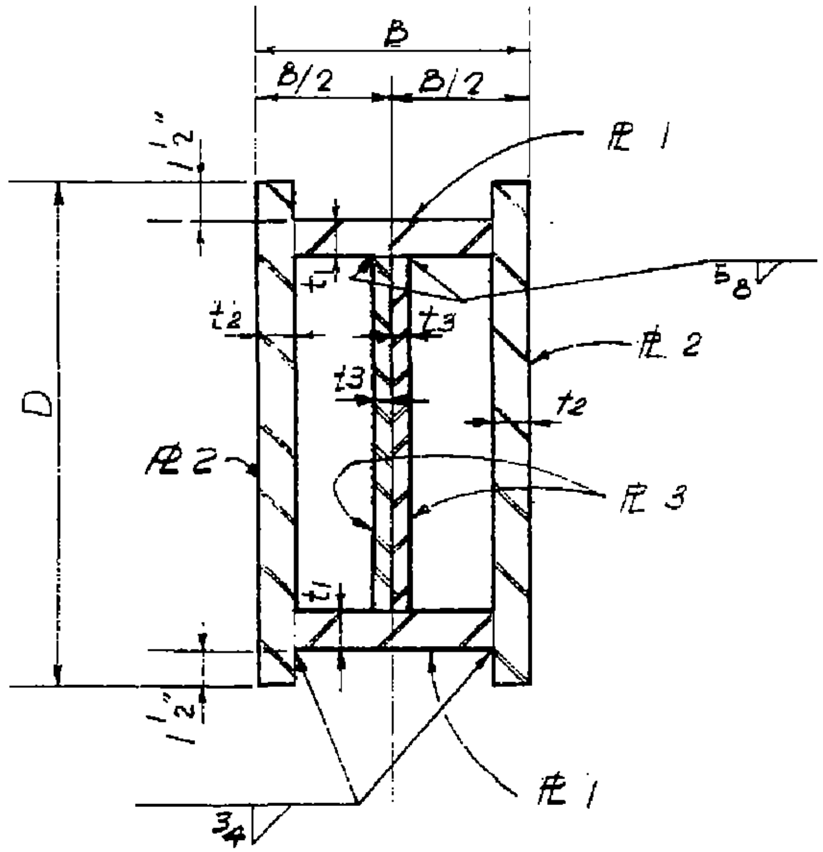
WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMNS - COLUMN TYPE 500

DATE 3-28-67

REVISIONS



COLUMN TYPE 567

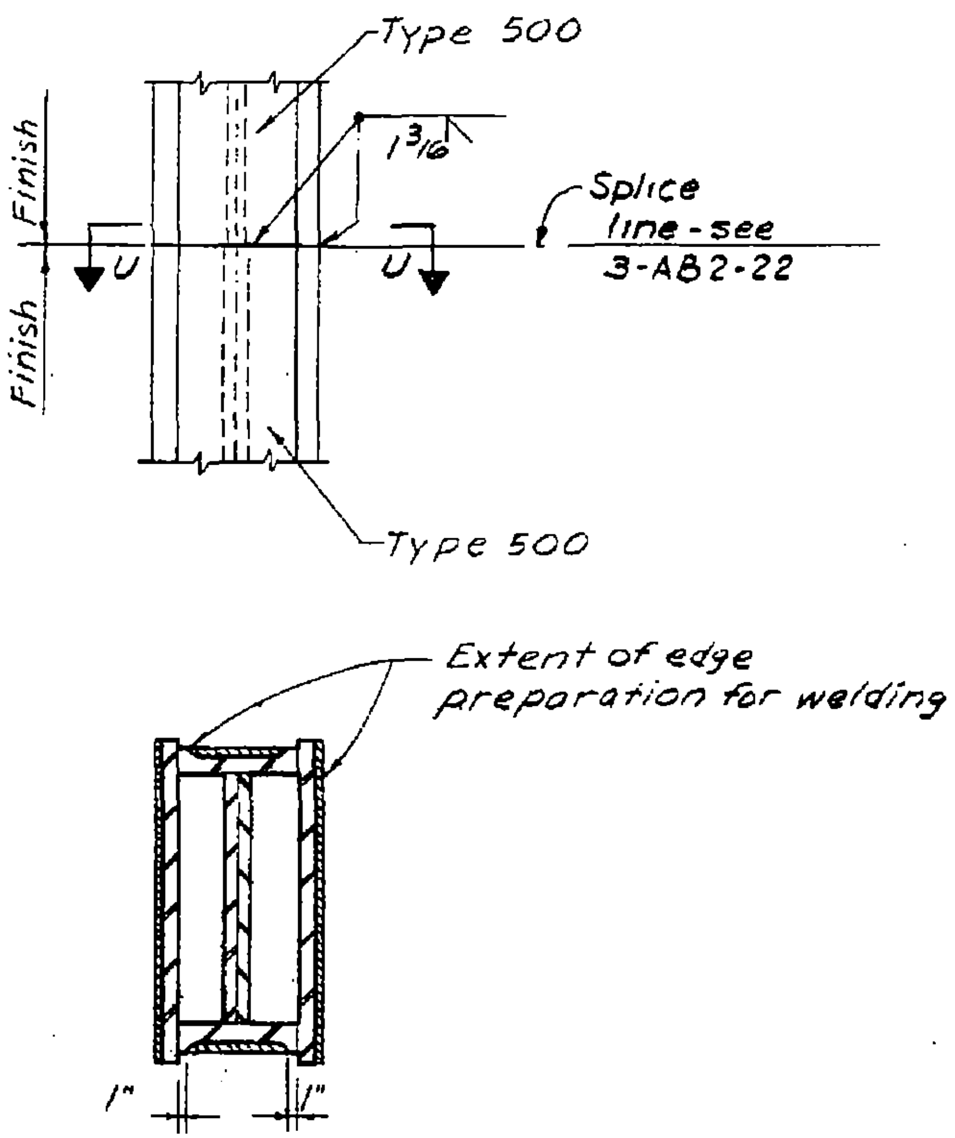
LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

3-AB2-18

WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

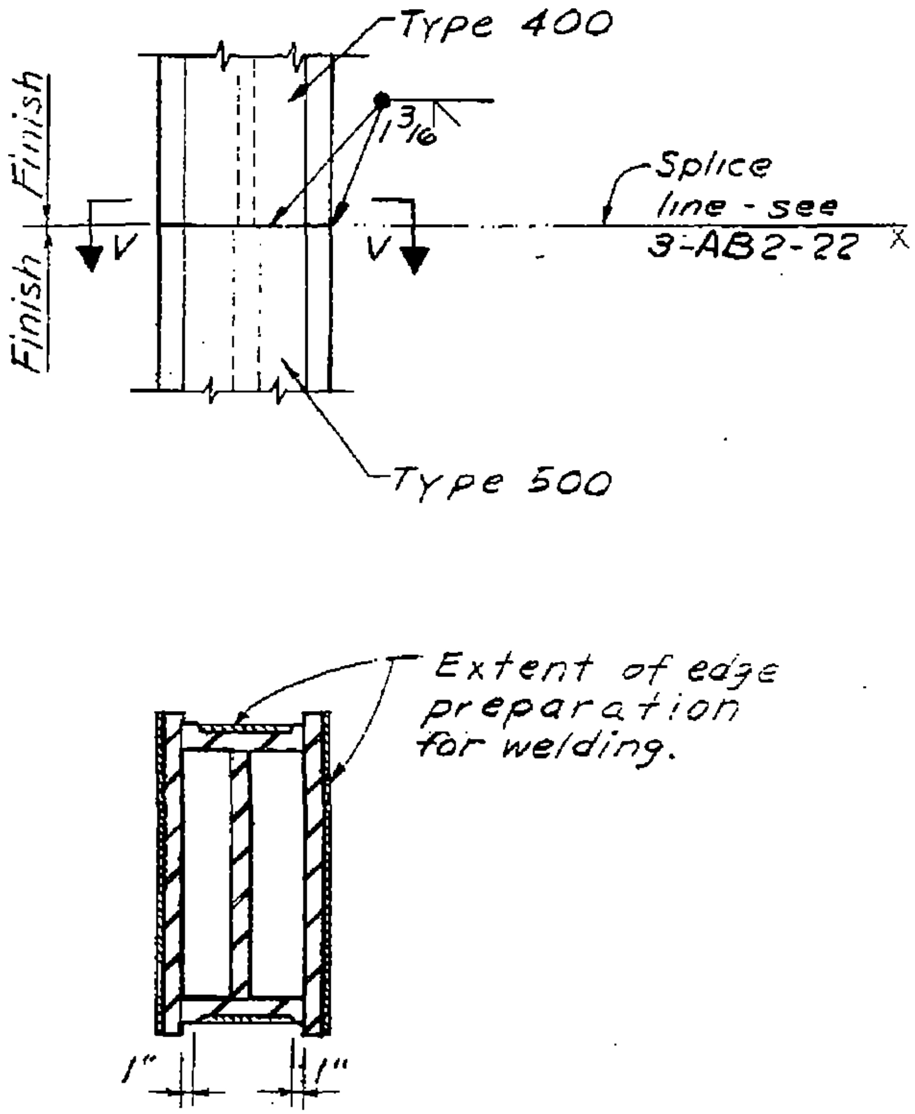
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS-SPLICE DETAILS 501&502 | DATE 3-28-67

REVISIONS


Type 500
$1\frac{3}{16}$
Splice line - see 3-AB2-22
Finish
Finish
U
U
Type 500
Extent of edge preparation for welding
1"
1"

Section U-U

SPLICE DETAIL 501A


Type 400
$1\frac{3}{16}$
Splice line - see 3-AB2-22
Finish
Finish
V
V
Type 500
Extent of edge preparation for welding.
1"
1"

Section V-V

SPLICE DETAIL 502 A

LICENSED PROFESSIONAL ENG'R
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

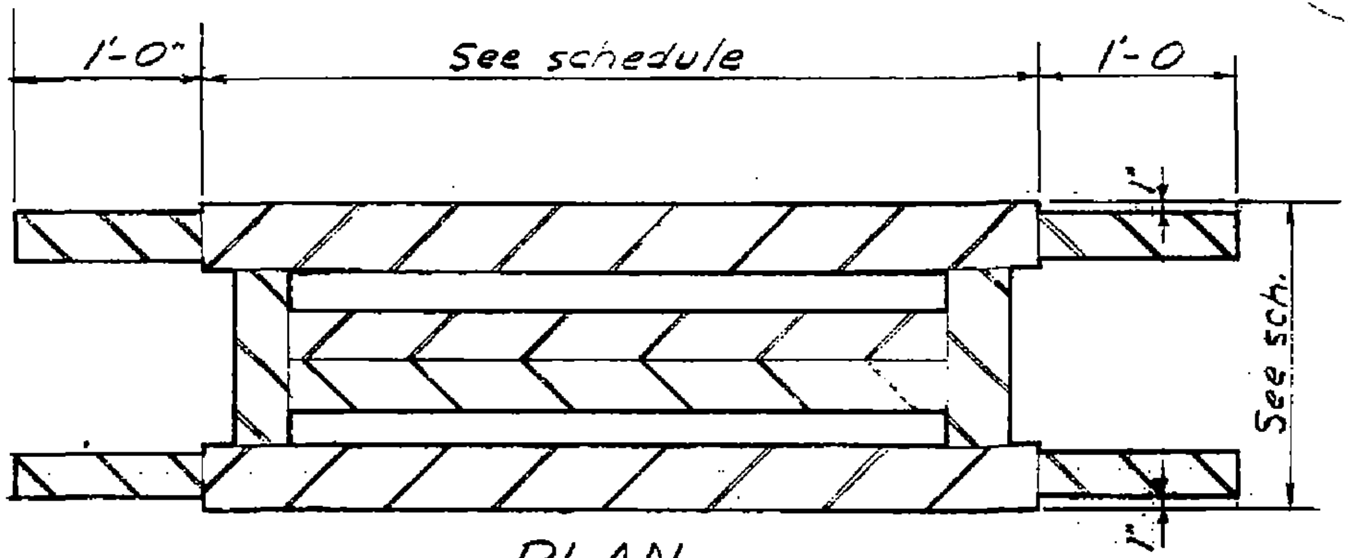
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - BASE DETAIL 601A | DATE 3-28-67

Rev. 5-1-67

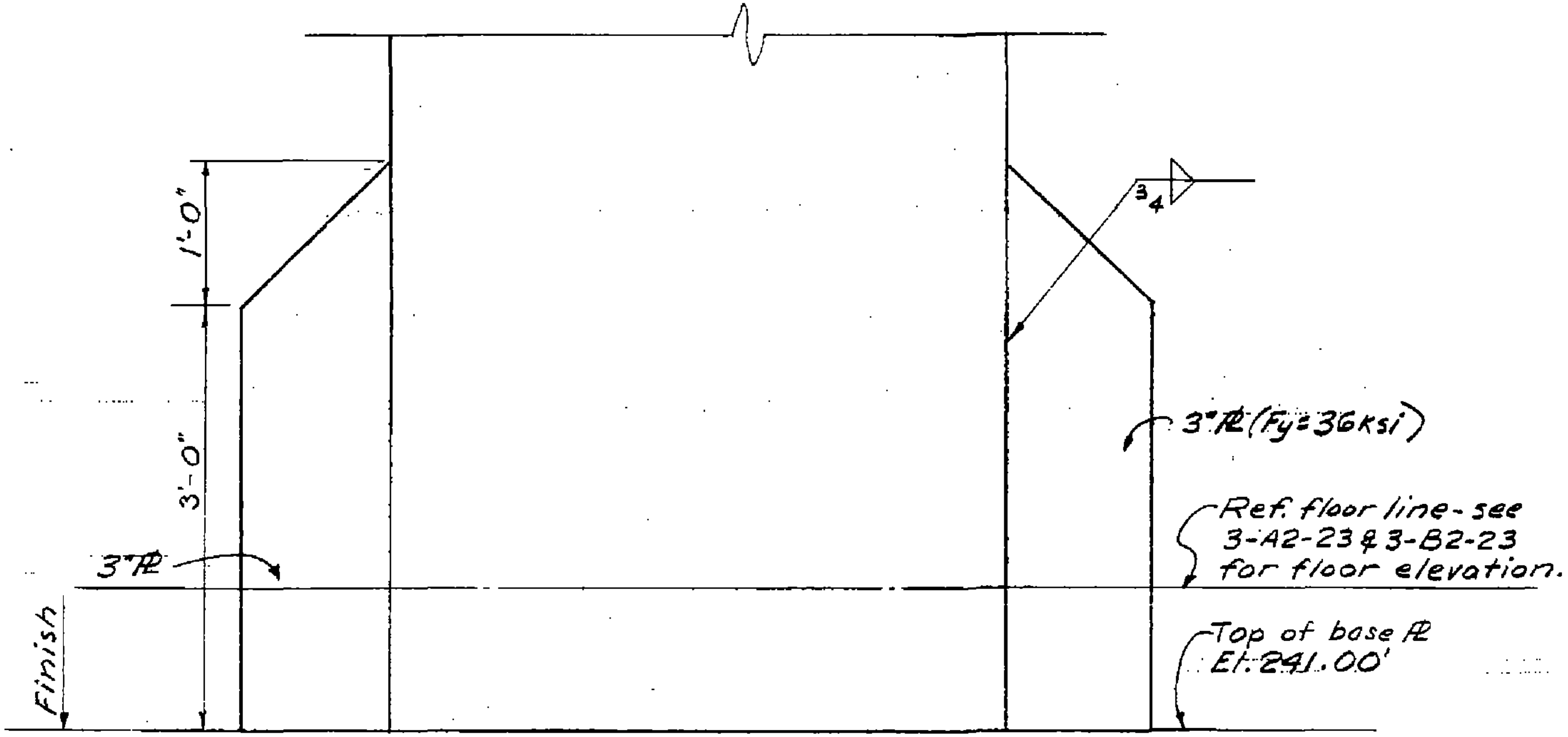
REVISIONS

LESLIE E. ROBERTSON

No. 34360



PLAN



1'-0"
3'-0"
3"⅊
Finish
3/4
3"⅊ (Fy=36ksi)
Ref. floor line - see 3-A2-23 & 3-B2-23 for floor elevation.
Top of base ⅊ El. 241.00'

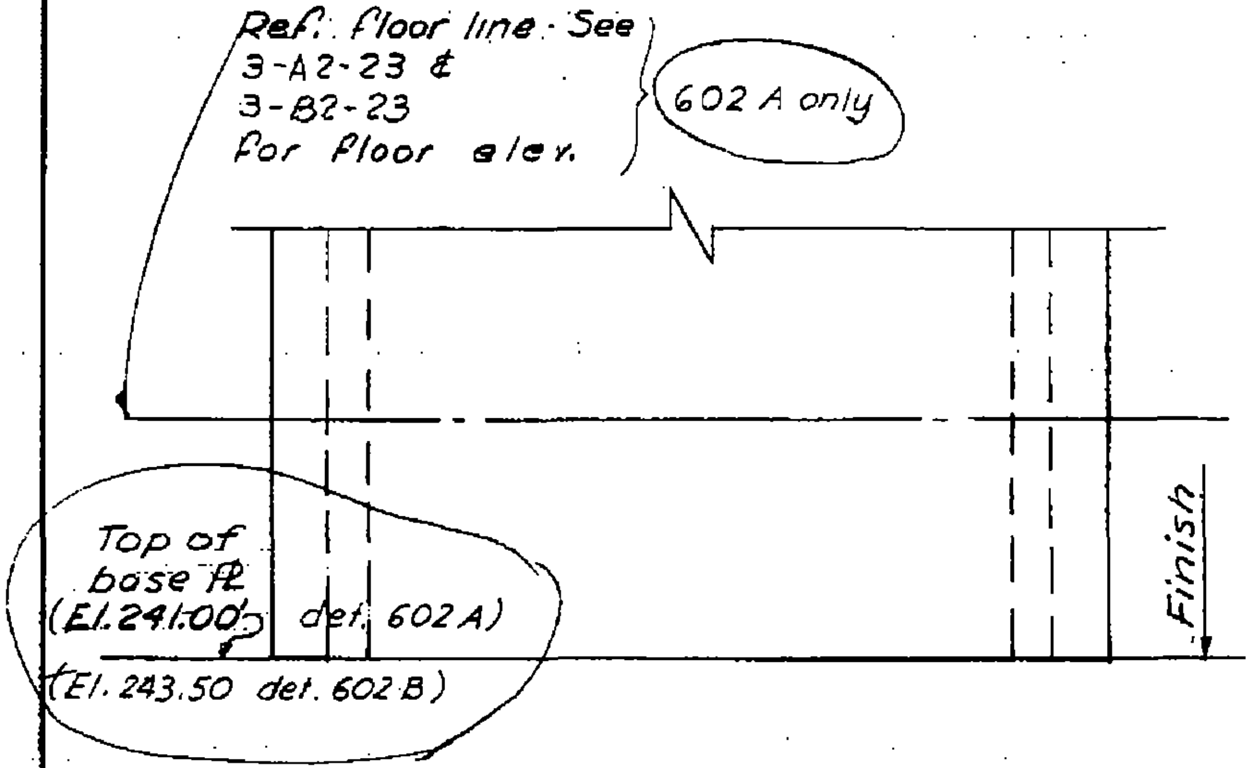
ELEVATION

3-AB2-20

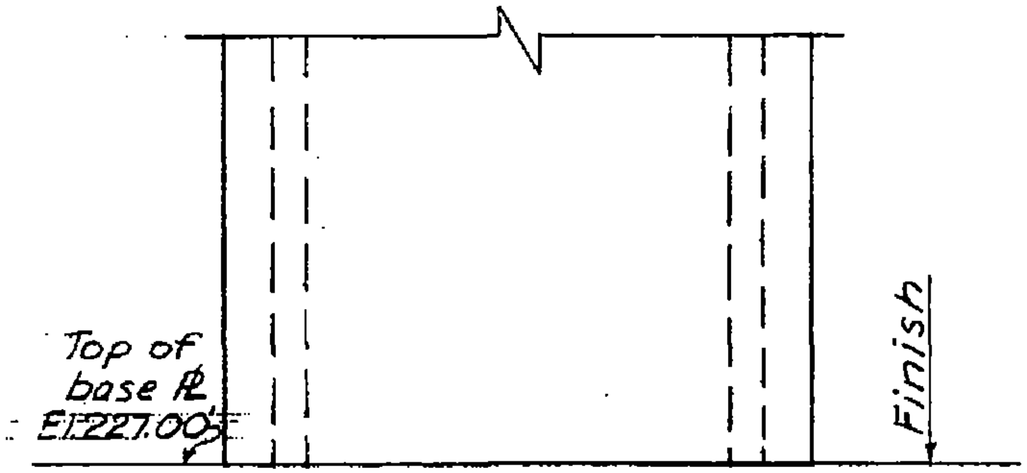
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS BASE DETAIL 602A, B, 603A | DATE 3-28-67

REVISIONS
5-1-67
2-9-68



BASE DETAIL 602A, 602B



BASE DETAIL 603A

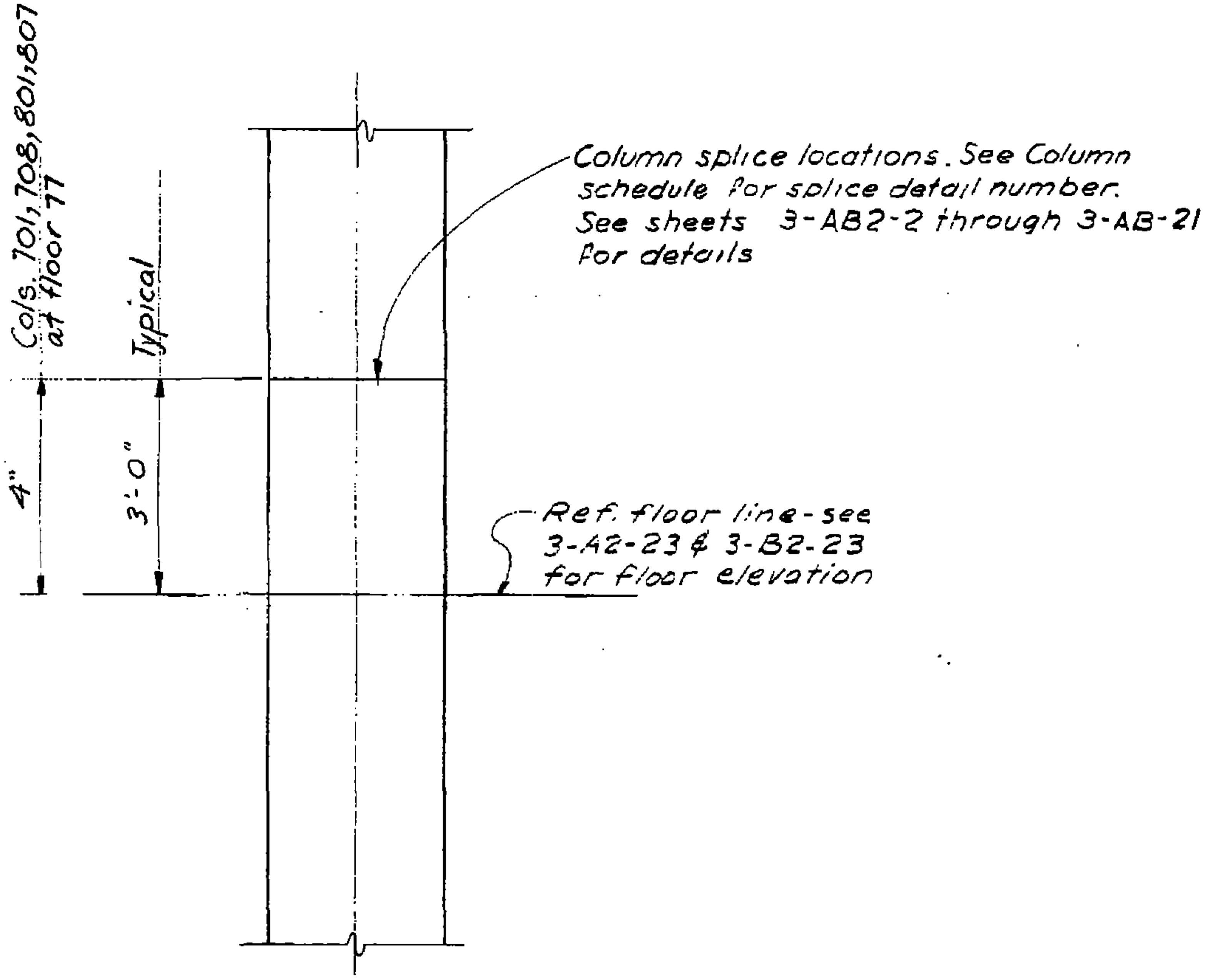
LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTS, JR.
No. 34360
UNIVERSITY OF THE STATE OF N.Y.

3-AB2-21

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - TYPICAL SPLICE LOCATION | DATE 3-28-67

REVISIONS


Cols. 701, 708, 801, 807 at floor 77
4"
Typical
3'-0"
Column splice locations. See Column schedule for splice detail number. See sheets 3-AB2-2 through 3-AB-21 for details
Ref. floor line - see 3-A2-23 & 3-B2-23 for floor elevation

TYPICAL SPLICE LOCATION

ALL CORE COLUMNS

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF N.Y.

3-AB2-22

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT THE WORLD TRADE CENTER

TITLE CORE COLUMNS - REFERENCE FLOOR ELEVATIONS - TOWER A

DATE 3-28-67

REVISIONS

FLOOR NO.	ELEVATION (FT) OF REFERENCE FLOOR LINE
111	1673.50
110	1657.33
108	1631.83
106	1600.00
104	1576.00
101	1540.00
98	1504.00
95	1468.00
92	1432.00
89	1396.00
86	1360.00
83	1324.00
80	1288.00
77	1250.00
75	1222.00
72	1184.00
69	1148.00
66	1108.00
63	1072.00
60	1036.00
57	1000.00
54	964.00
51	928.00
48	892.00
45	856.00
43	828.00
41	800.00
39	774.00
36	738.00
33	702.00
30	666.00
27	630.00
24	594.00
21	558.00
18	522.00
15	486.00
12	450.00
9	414.00
7	390.00
5	367.00
3	344.00
1	310.00
274	274.00
242	242.00

LESLIE E. ROBERTSON
No. 34360

WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

PROJECT THE WORLD TRADE CENTER
TITLE CORE COLUMNS - REFERENCE FLOOR ELEVATIONS- TOWER B
DATE 3-28-67

REVISIONS

FLOOR NO.	ELEVATION (FT) OF REFERENCE FLOOR LINE
111	1667.50
110	1651.33
108	1625.83
106	1594.00
104	1570.00
101	1534.00
98	1498.00
95	1462.00
92	1426.00
89	1390.00
86	1354.00
83	1318.00
80	1282.00
77	1244.00
75	1216.00
72	1178.00
69	1142.00
66	1106.00
63	1070.00
60	1034.00
57	998.00
54	962.00
51	926.00
48	890.00
45	854.00
43	828.00
41	800.00
39	774.00
36	738.00
33	702.00
30	666.00
27	630.00
24	594.00
21	558.00
18	522.00
15	486.00
12	450.00
9	414.00
7	390.00
5	367.00
3	344.00
1	310.00
274	274.00
242	242.00

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

SKILLING, HELLE, CHRISTIANSEN, ROBERTSON **Structural & Civil Engineers**

PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMNS - TRUSSES - INDEX	4/ 1/69

REVISIONS

Printed 5-1-69

3- B3- 1 INDEX
3- B3- 2 TRUSS PT507
3- B3- 3 TRUSS TT607
3- B3- 4 TRUSS PT707
3- B3- 5 TRUSS PT806
3- B3- 6 TRUSS TT907
3- B3- 7 TRUSS PT1007
3- B3- 8 TRUSS DETAILS - NOTES
3- B3- 9 TRUSS DETAIL A1
3- B3- 10 TRUSS DETAIL A2
3- B3- 11 TRUSS DETAIL A3
3- B3- 12 TRUSS DETAIL B
3- B3- 13 TRUSS DETAIL C
3- B3- 14 TRUSS DETAIL D
3- B3- 15 TRUSS SECTION H
3- B3- 16 TRUSS SECTION Z-Z

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34300
UNIVERSITY OF THE STATE OF NEW YORK

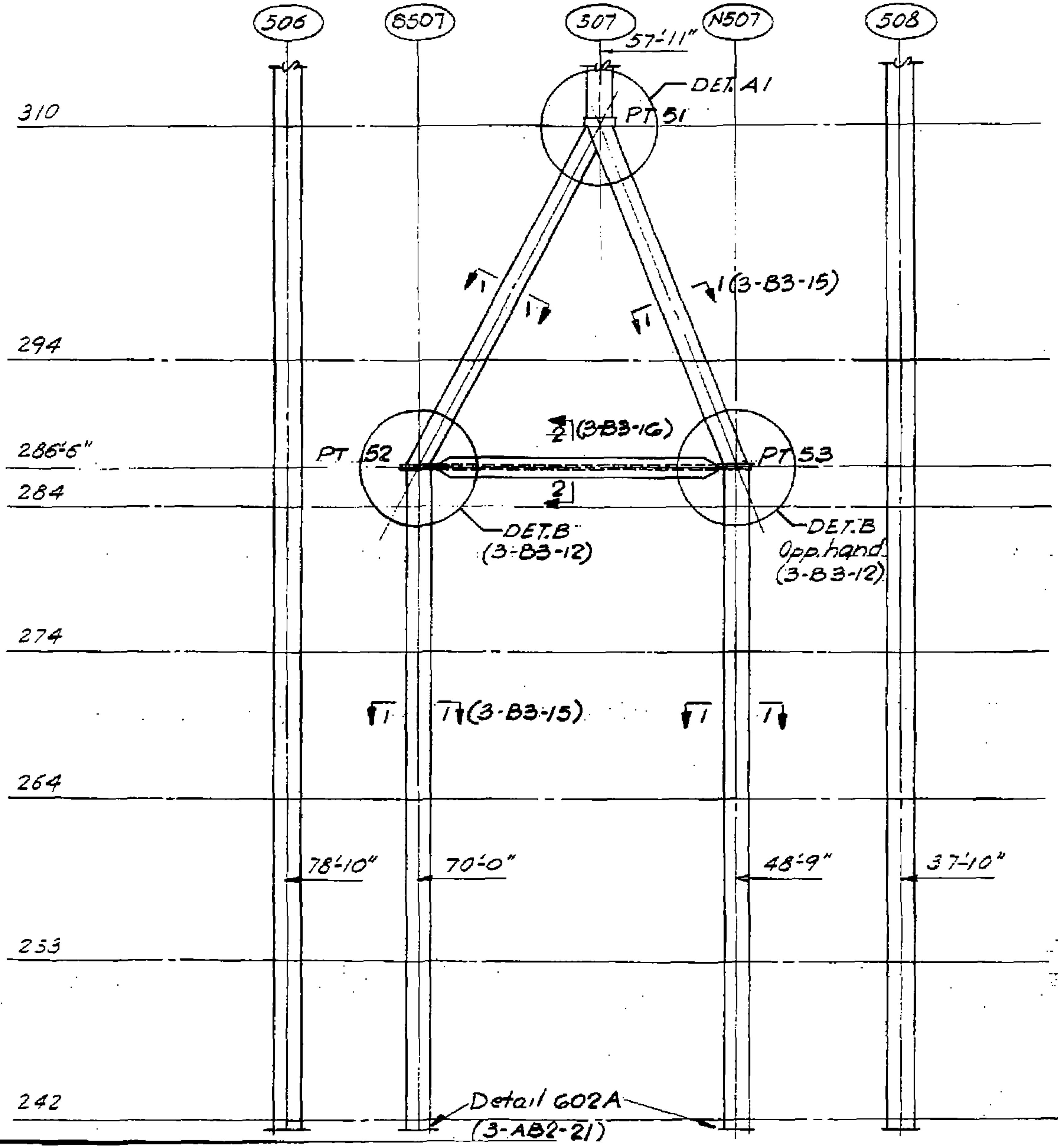
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT WORLD TRADE CENTER

TITLE CORE COLUMNS- TRUSS PT 507

DATE 5-1-67

REVISIONS



NOTE:
For general notes
See 3-B3-8

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK

3-B3-2

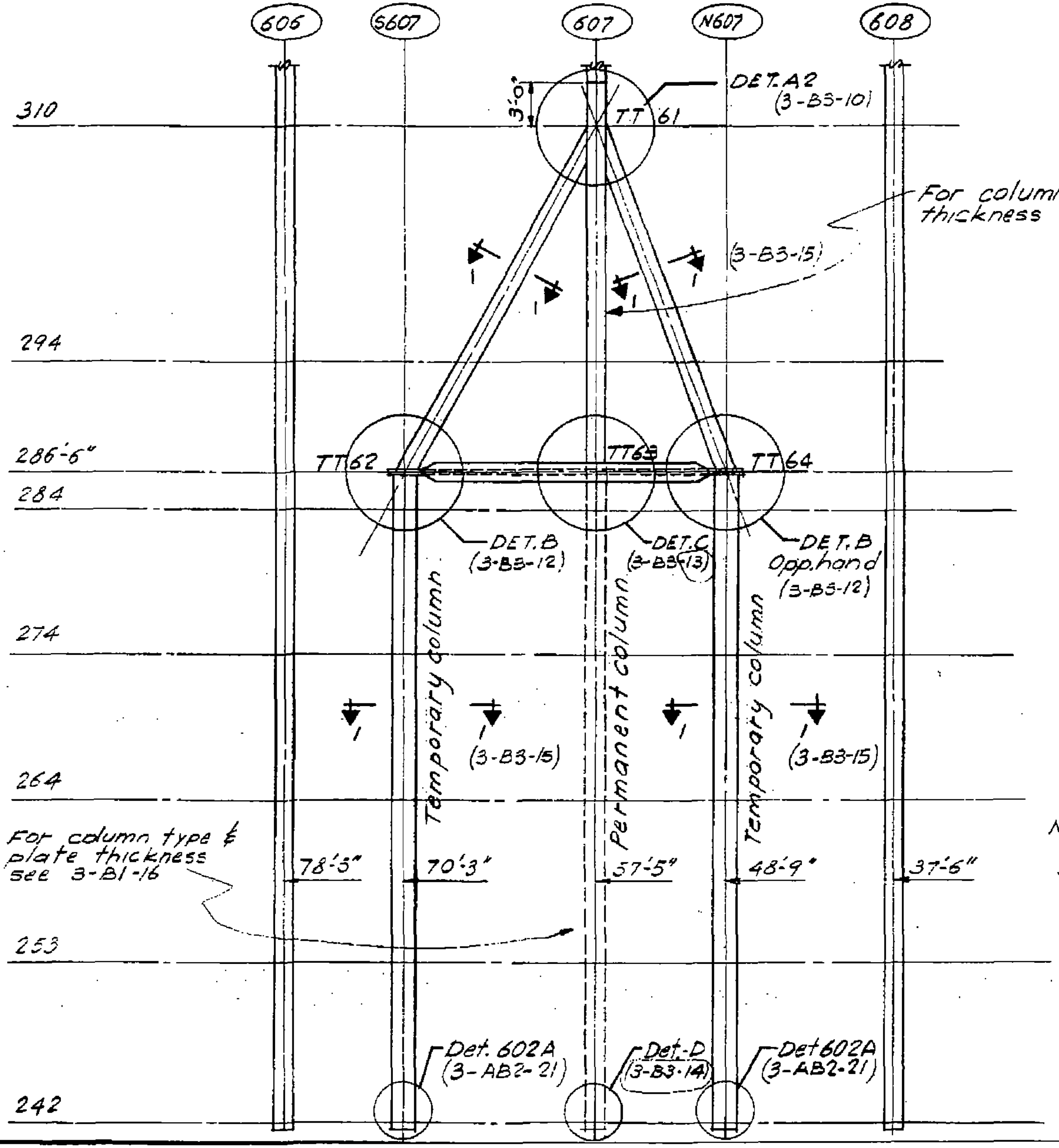
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT WORLD TRADE CENTER TITLE CORE COLUMNS - TRUSS TT 607 DATE 5-1-67

REVISIONS

Rev 5-3-67

LESLIE E. ROBERTSON
No. 34360



For column typ. & plate thickness see 3-B1-16 (col. sch.)

For column type & plate thickness see 3-B1-16

Note:
For general notes see 3-B3-8

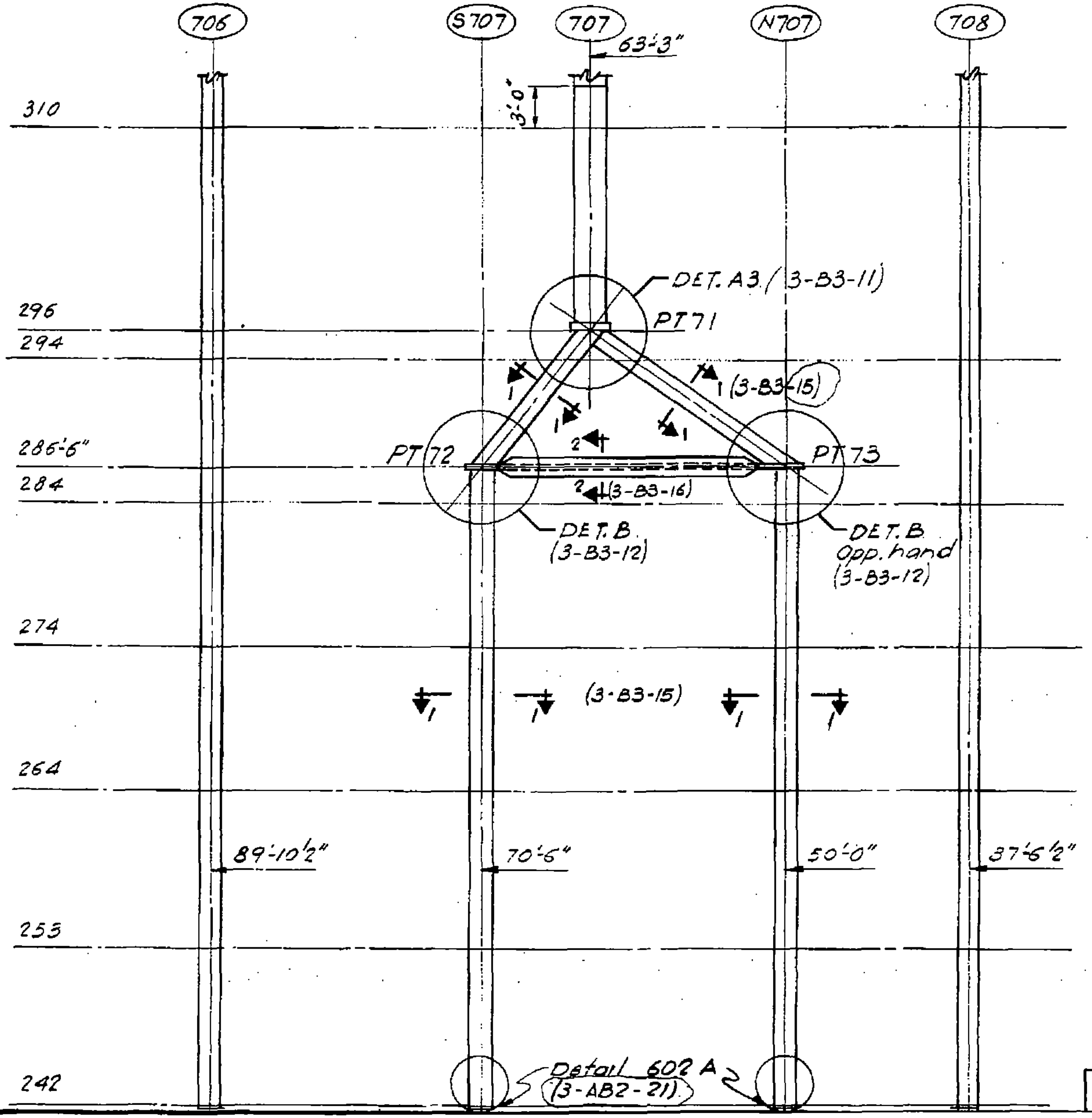
3-B3-3

WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

PROJECT	TITLE	DATE
WORLD TRADE CENTER	CORE COLUMNS - TRUSS PT 707	5-1-67

REVISIONS

Rev 5-3-67



Note: For general notes see 3-B3-8

LESLIE E. ROBERTSON No. 34360

3-B3-4

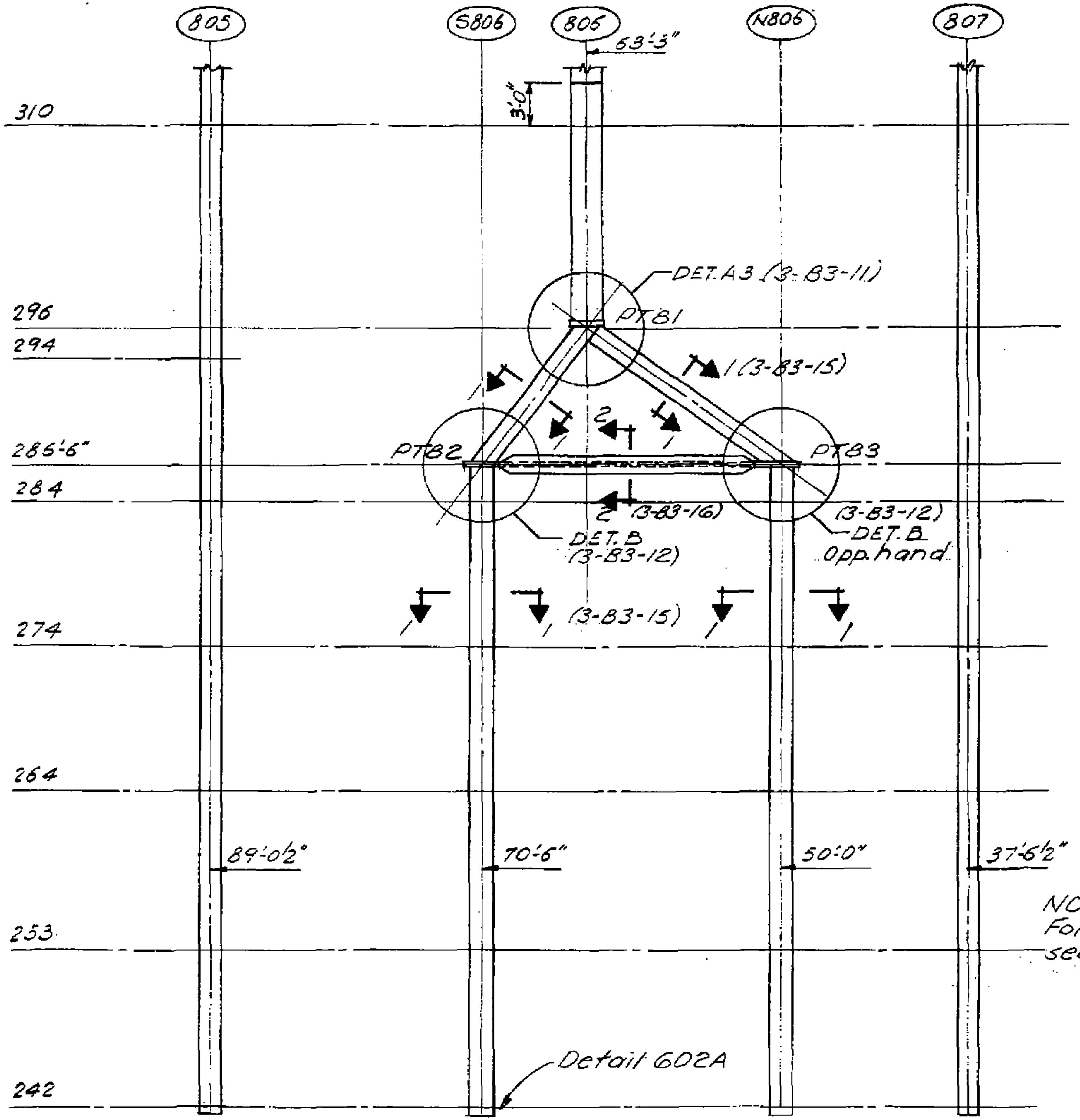
WORTHINGTON, SKILLING, HELLE & JACKSON **Civil & Structural Engineers**

PROJECT WORLD TRADE CENTER

TITLE CORE COLUMNS - TRUSS PT 806

DATE 5-1-67

REVISIONS



Leslie E. Robertson No. 34360

NOTE
For General Notes
see 3-B3-8

3-B3-5

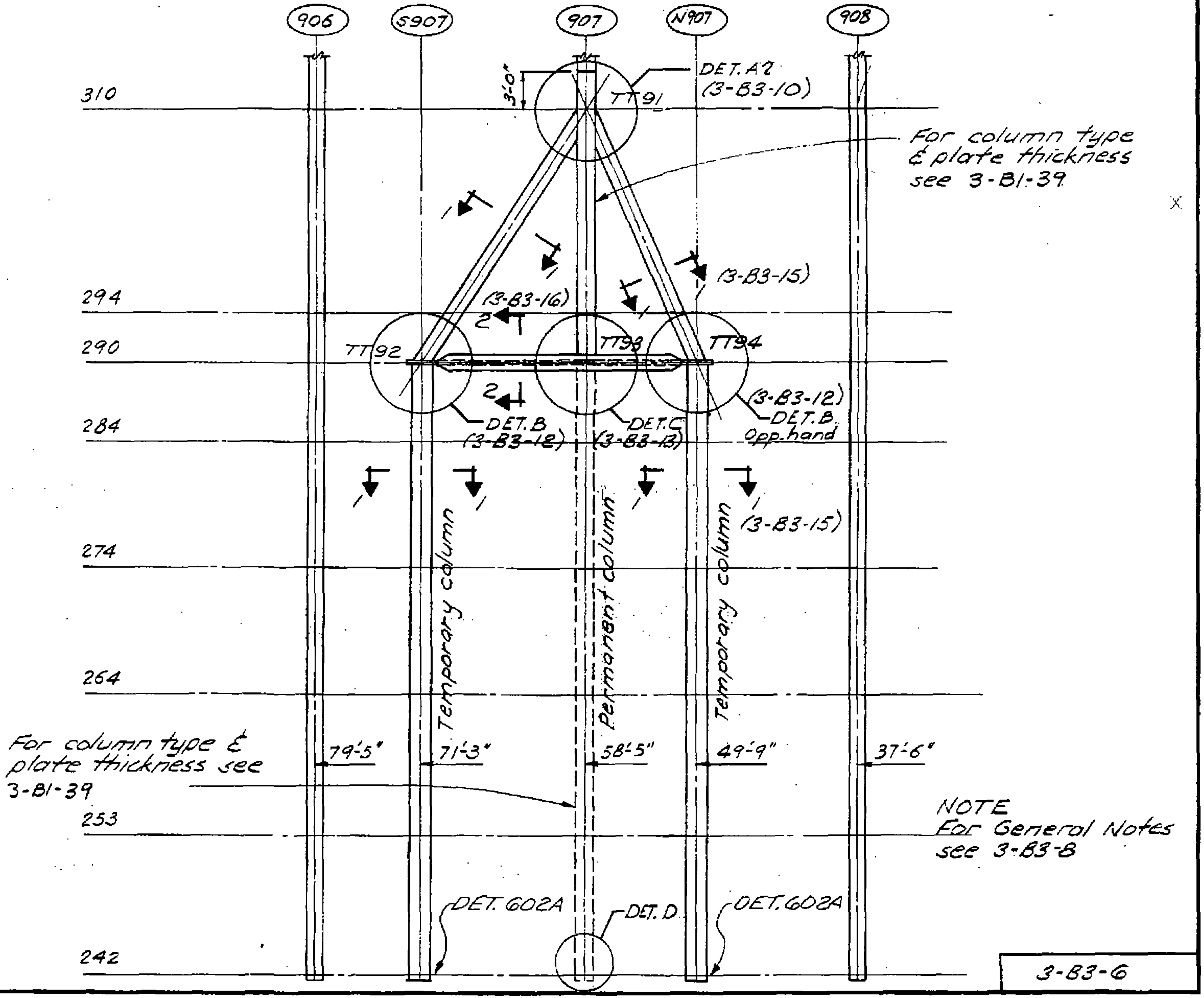
WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT WORLD TRADE CENTER

TITLE CORE COLUMNS - TRUSS TT 907

DATE 5-1-67

REVISIONS



For column type & plate thickness see 3-B1-39

For column type & plate thickness see 3-B1-39

NOTE
For General Notes see 3-B3-8

LESLIE E. ROBERTSON
No. 34360

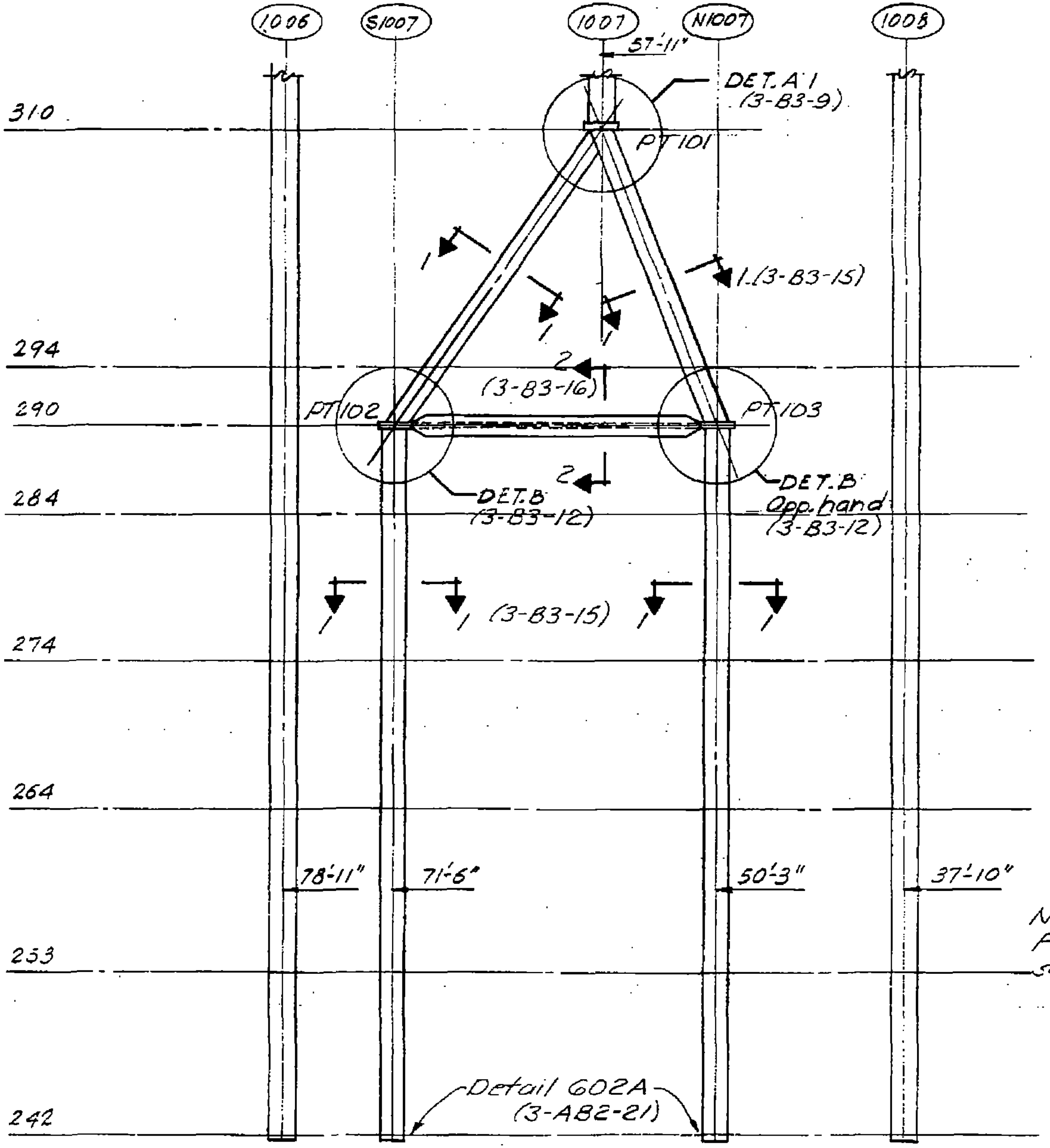
3-B3-6

WORTHINGTON, SKILLING, HELLE & JACKSON Civil & Structural Engineers

PROJECT WORLD TRADE CENTER | TITLE CORE COLUMNS – TRUSS PT 1007 | DATE 5-1-67

REVISIONS

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK



NOTE
For General Notes
see 3-B3-8

3-B3-7

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PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS-TRUSS DETAILS-GENERAL NOTES | DATE 5/1/67

REVISIONS

1. Trusses 607 & 907 are temporary. Truss 507, 707, 806 & 1007 are permanent.
2. Columns shown (-----) under trusses are permanent columns.
3. These permanent columns shall be installed at same time as temporary trusses are removed.
4. Temporary trusses have been designed to carry loads thru the 110th floor.
5. Temporary trusses shall be removed & permanent columns installed when existing PATH tube is removed.
6. For column schedule see 3-B1-1 thru 49.
7. For column splice detail see 3-AB2-1 thru 22 and 3-B2-23.
8. See Detail-D for procedure with regard to removal of temporary trusses & erection of permanent columns.

9. All welds to be made with E70 electrodes.
10. For member sizes and plate thicknesses see Schedule 3-B1-49.

LESLIE E. ROBERTSON
No. 34360

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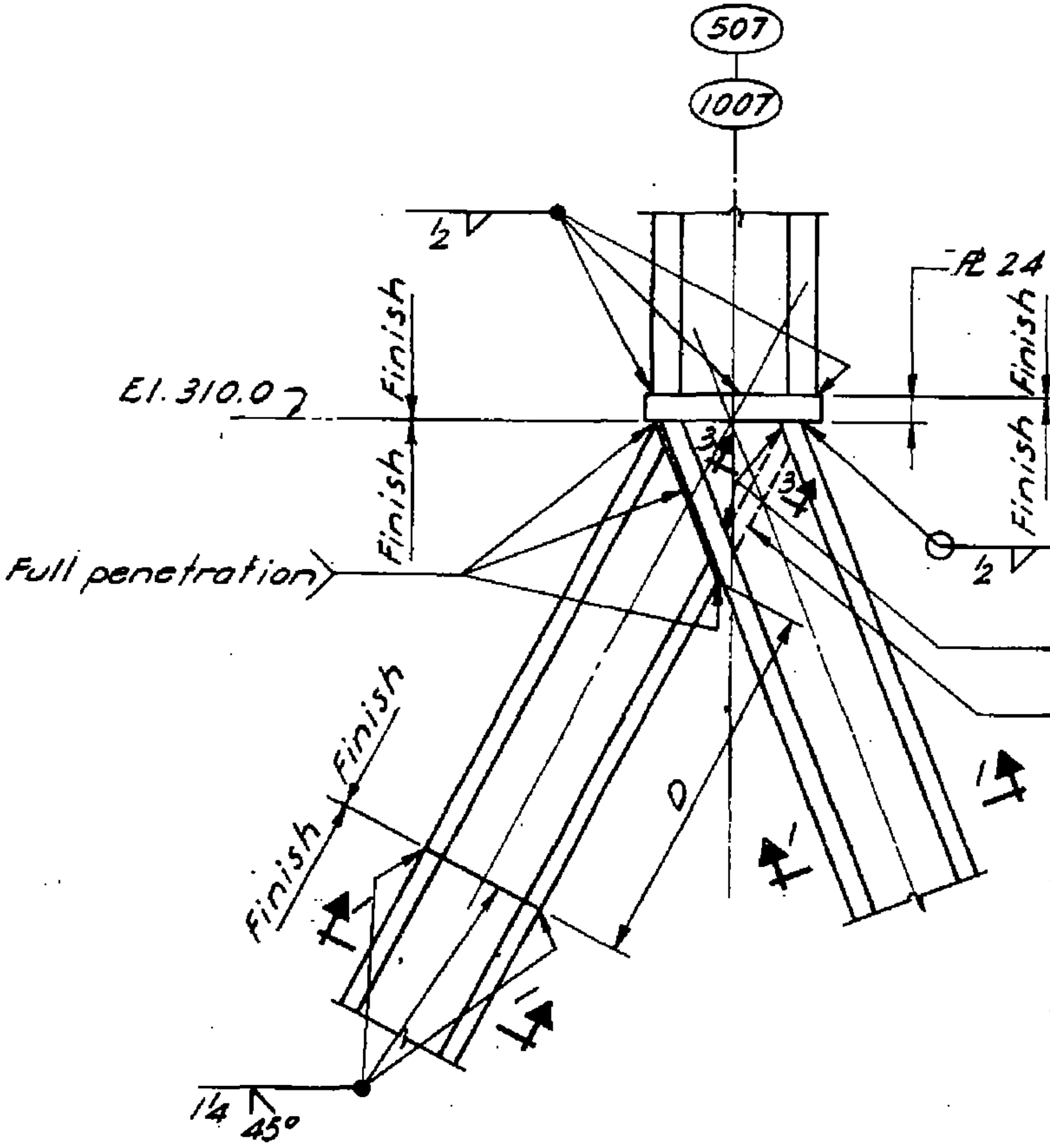
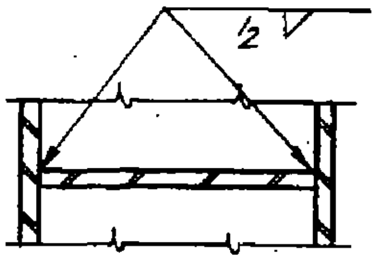
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - TRUSS DETAIL A1 | DATE 5/1/67

REVISIONS

NOTE
For Section 1-1 and dim. "D"
see 3-3B-15.





SECTION 3-3

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LESLIE E. ROBERTSON
No. 34360
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3-B3-9

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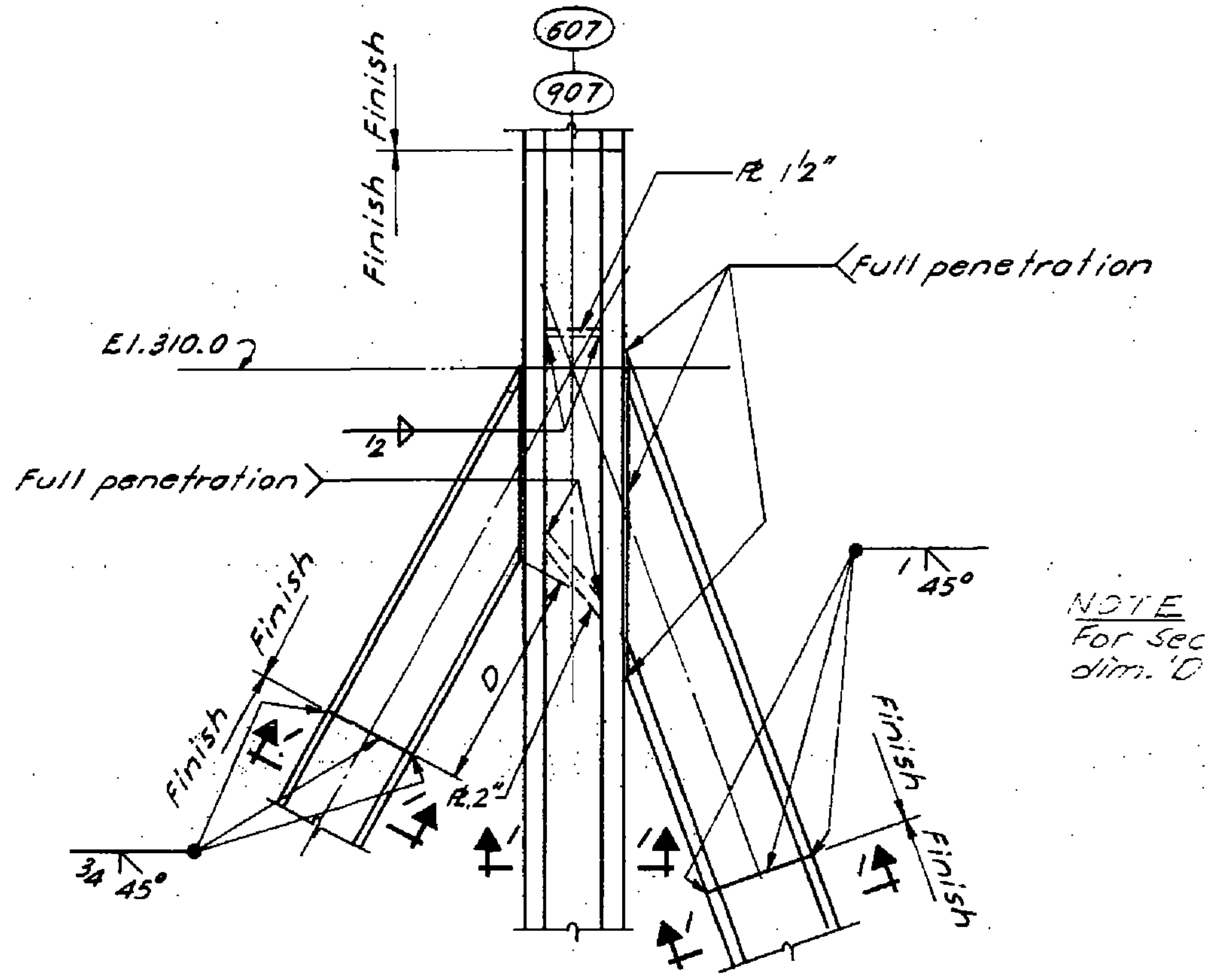
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - TRUSS DETAIL A2 | DATE 5/1/67

REVISIONS



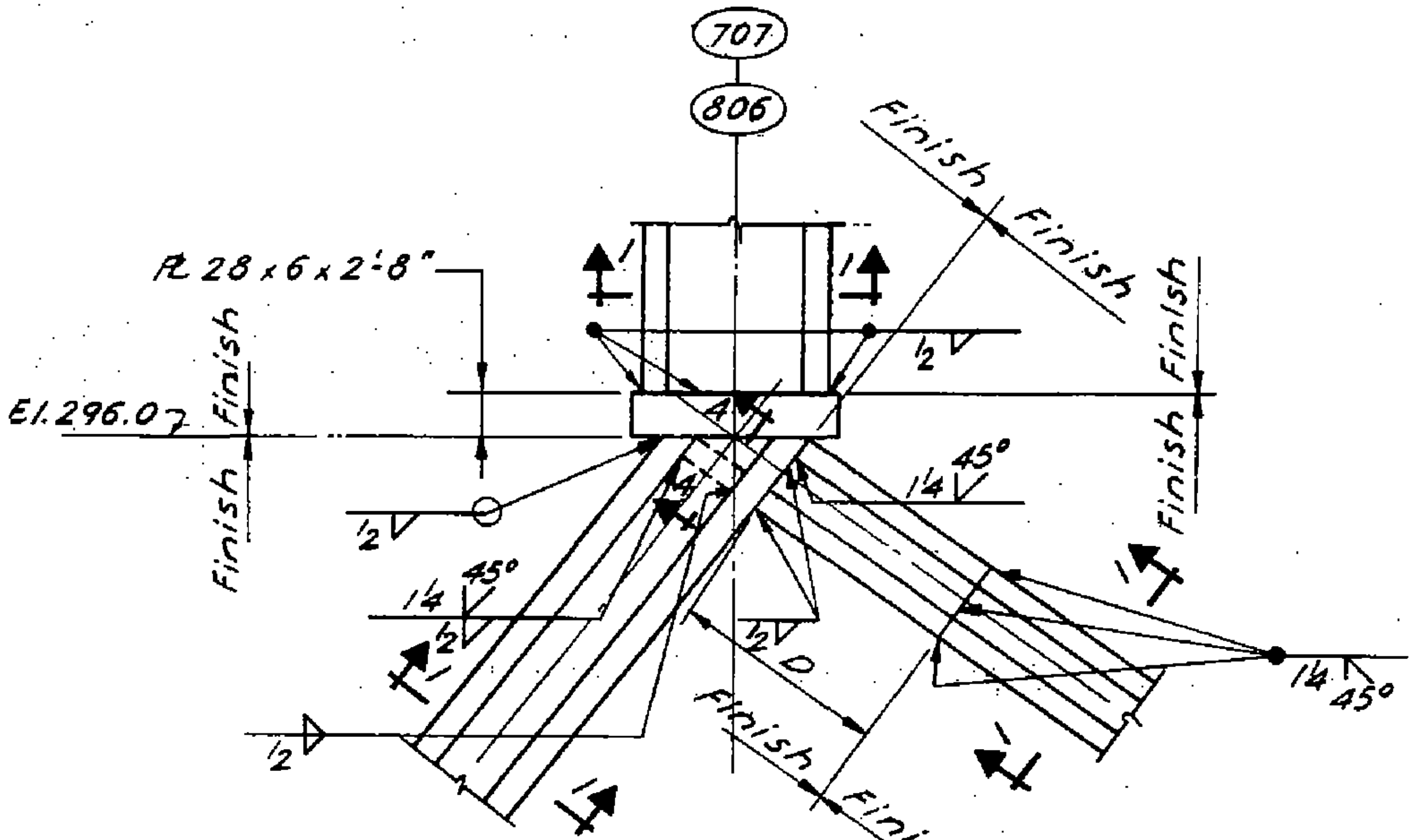
NOTE
For Section 1-1 and dim. 'D' see 3-B3-15.

LESLIE E. ROBERTSON
No. 34360

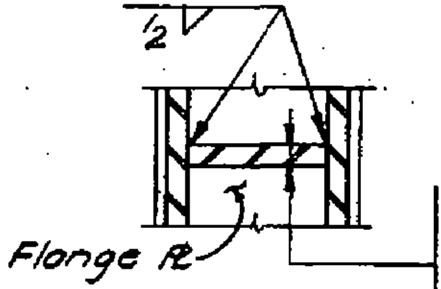
3-B3-10

PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS-TRUSS DETAIL A3 | DATE 5/1/67

REVISIONS



NOTE
For Section 1-1 and dim. "D" see 3-B3-15.



SECTION 4-4

Note:
Contact area between flange Pl's and stiffener Pl to be finished to insure full bearing.

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No. 34360

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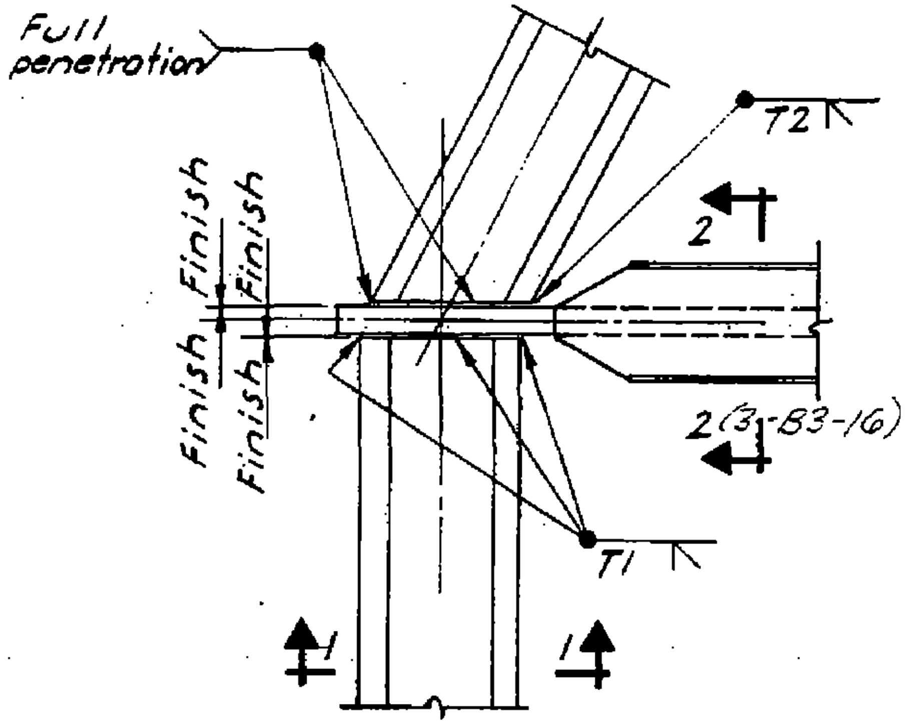
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - TRUSS DETAIL B | DATE 5/1/67

REVISIONS



WELD SCHEDULE #1		
COLUMN	T1 (in.)	T2 (in.)
N507	1	2
S507	7/8	2
N607	7/8	1 3/8
S607	3/4	1
N707	7/8	2
S707	1 1/8	2
N806	7/8	2
S806	1 1/8	2
N907	7/8	1 3/8
S907	3/4	1
N1007	1 1/8	2
S1007	7/8	2

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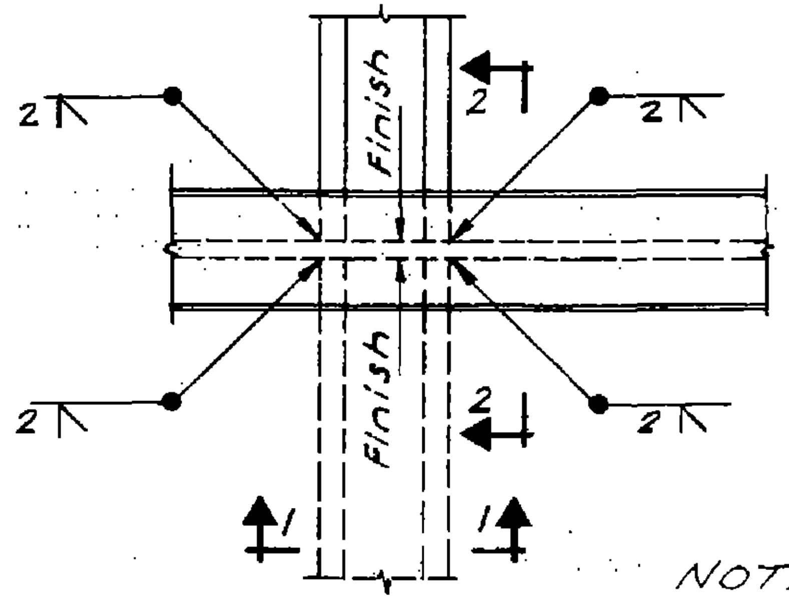
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - TRUSS DETAIL C | DATE 5/1/67

REVISIONS



NOTE
For Section 2-2
see 3-B3-16

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No. 34360

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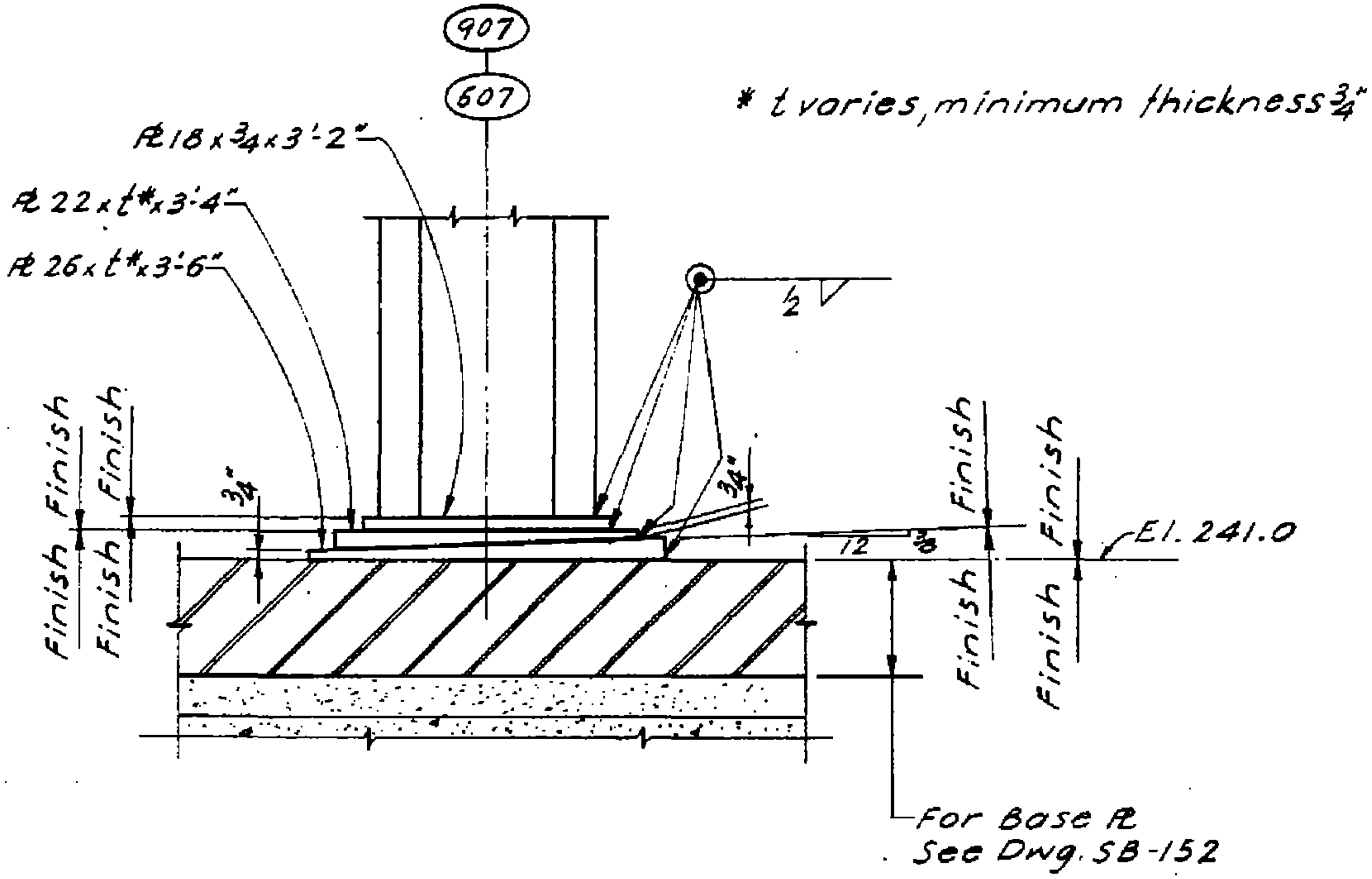
PROJECT	TITLE	DATE
THE WORLD TRADE CENTER	CORE COLUMNS - TRUSS DETAIL D	5/1/67

REVISIONS



* t varies, minimum thickness 3/4"

For Base PL
See Dwg. SB-152

Procedure for erection of permanent columns 607 & 907 and removal of temporary trusses TT607 & TT907 and temporary columns N607, S607, N907 and S907

1) Heat temporary columns 60°F
   Cool permanent column 30°F
   Insert permanent column on tapered wedges, drive wedges tight and weld column to bottom chord of truss, see Detail C
2) Let columns resume normal temperature.
3) Repeat 1) and weld wedges and shims as indicated on detail above.
4) Let columns resume normal temperature.
5) Heat permanent column 60°F
   Cool temporary columns 30°F
   Cut bottom chord members and remove truss and temporary columns.

LESLIE E. ROBERTSON
No. 34360

3-B3-14

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PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMN - TRUSS SECTION 1-1 | DATE 5/1/67

REVISIONS

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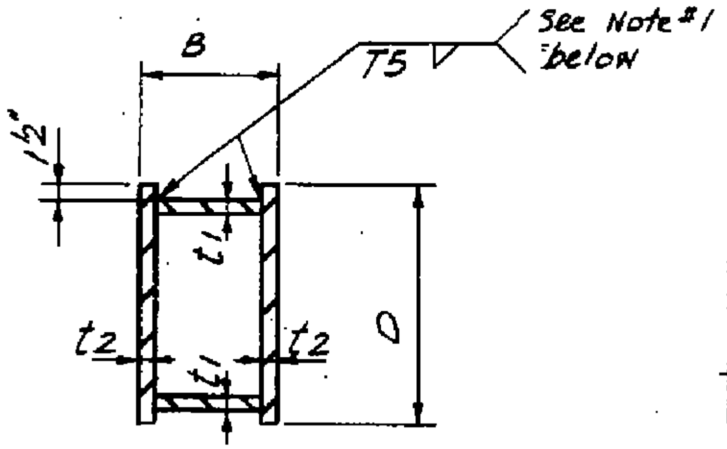

WELD SCHEDULE #2		
PLATE t_1 (in)	T4 (in)	T5 (in)
$\frac{7}{8} - 1$	$\frac{3}{8}$	$\frac{1}{2}$
$1\frac{1}{16} - 1\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{8}$
$1\frac{9}{16} - 2$	$\frac{1}{2}$	$\frac{3}{4}$
$2\frac{1}{16} - 2\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{8}$
$2\frac{9}{16} - 3$	$\frac{1}{2}$	1
$3\frac{1}{16} - 3\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{8}$
$3\frac{9}{16} - 4\frac{1}{8}$	$\frac{5}{8}$	$1\frac{1}{4}$

NOTES

1. Weld shall be full penetration at ends of truss members for length D

For member sizes see 3-81-49

3-83-15

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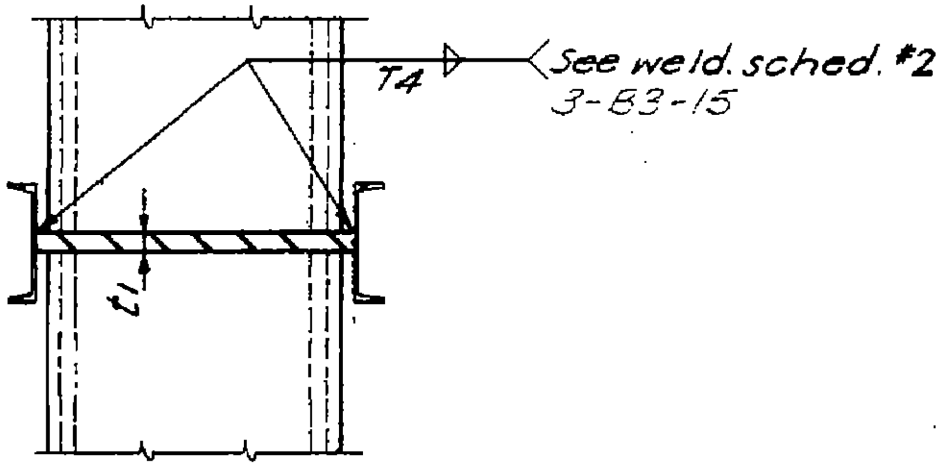
PROJECT THE WORLD TRADE CENTER | TITLE CORE COLUMNS - TRUSS SECTION 2-2 | DATE 5/11/67

REVISIONS



NOTE: Top & bottom faces of webs of bottom chord member are to be flattened and/or ground as required to insure full bearing of column above & column below.

For member sizes see 3-B1-49.

LICENSED PROFESSIONAL ENGINEER
LESLIE E. ROBERTSON
No. 34360
UNIVERSITY OF THE STATE OF NEW YORK